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, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, Schellenberg, M., Parasons, J., Parage, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M. B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M. Generation and analysis of 280,000 human expressed sequence tags JOURNAL Genome Res. 6 (9), 807-828 (1996) MEDLINE 9704478 ROHMENT Res. G. (9), 807-828 (1996) CONMENT Washington University School of Medicine 4444 Porest Park Parkway, Box 8501, St. Louis, MO 63108 Tel: 314 286 1800	Fax: 314 286 1810 Email: estGwatson.wustl.edu This clone is available royalty-free through LLNL; contact the This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Insert Length. 450 Std Error: 0.00 Seq primer: m13 -40 forward High quality sequence stop: 1. FEATURES I. 27 /organism="HOmo sapiens" /mol_type="mRNA" /db_tref="HOmo sapiens" /db_xref="HOmo sapiens"	/ Gex="mainton: Zologo" / Jab_host="DGIOB (ampicillin resistant)" / Clone lib="Soares multiple sclerosis Zohhusp" / Clone lib="Soares multiple sclerosis Zohhusp" / Clone lib="Soares multiple sclerosis Zohhusp" / Clone lib="Soares multiple sclerosis Zologo" / Clone	When we will an	Dest Local Similarity 91.7%; Fred. No. 30; Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0; QY 1077 AACTATTAAAAAAAAAAAAA 1100 Db 26 AANTTTAAAAAAAAAA 3 RESULT 2	A2458127/C LOCUS LOCUS LOCUS LOCUS LOCUS LIMO261124R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0261124 R, genomic survey sequence. ACCESSION A2458127.1 GI:10616252 KEYWORDS GSS. Wus musculus CNGANISM Mus musculus Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus. AUTHORS LOMBARA AUTHORS LOMBARA AUTHORS LOMBARA AUTHORS LOMBARA AUTHORS REFERENCE AUTHORS REPERBORC AUTHORS REPERBORC AUTHORS REPERBORC AUTHORS REPERBORC AUTHORS REPREBORC AUTHORS AUTHORS AUTHORS REPREBORC AUTHORS A
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plasmid inserts
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Genome Center
University of Utah
Rm. 308__Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/clone lib="Mouse 10kb plasmid UUGCIM library"
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musculus C57BL/6J (male) was obtained from the Jackson
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                           JOURNAL
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                                             COMMENT
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Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Bukaryota; Matazoa, Arthropoda; Hexapoda; Insecta; Pterygota;
Bukaryota; Matazoa, Arthropoda; Hexapoda; Insecta; Pterygota;
Buydroidea; Endoptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
1 (Dases I to 27)
1 (Dases I to 27)
1 (Dases I to 27)
1 (Dases I, Sun, M., Sun, M., Jin, M., Lin, W., Zhang, R., Chen, J., Clark, T., Sun, M., Wang, J., Johnson, D., Tseng, C., Yang, M., Wang, J., Du, W., Wu, C.I., Zhang, X. and Wang, S.M.
Novel SAGE tags represent a significant number of novel genes in Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CB305310 27 bp mRNA linear EST 01-JUN-2003 3'EST-Nfly-125 Drosophila melanogaster cDNA Library Drosophila melanogaster cDNA 3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                       /note="Tweetor: Lambda ZAP II, Site_1: BcoRI, Site_2: XhoI;
P. carini organisms (3x1099) from a single rat (59-1-6,
Pacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
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This EST was detected from Drosophila melanogaster cDNA Library
With GLGI technique (Generation of Longer cDNA fragments from SAGE
1000; A high-throughput GLGI procedure for converting a large
number of SAGE tag sequences into 3' ESTE, Genes, Chromosomes &
Cancers 33:25-261, 2002), which covers from the 3' end of cDNA
Seq primer: MI3 Forward.
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/mol_type="mRNA"
/db_xref="taxon:7227"
/clone_lih="brosophila melanogaster cDNA Library"
_ clone_lone_lone 4 g 17 t
University of Kentucky
101 Morgan Bullding, University of Kentucky, Lexington, KY
40506-0225, USA
Tel: 606 257 2161
Fax: 606 257 1717
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5841 S. Maryland Ave., MC2115, Chicago, IL 60637,
Tel: 773-702-6788
Fax: 773-702-3002
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                                                                                                                                                                                                                                                                /organism="Pneumocystis carinii"
/mol_type="mRNA"
/db xref="taxon:4754"
/lab_host="E, coli"
/clone_lib="AGS-1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        82.1%; Pred. No. 47; tive 0; Mismatches
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gd|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10.Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                            AZ610868 13-DEC-200
1M0436G12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0436G12 F, genomic survey sequence.
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/clome_lib="Mouse_10kb plasmid UTGCIM library"
/note="Wector: PWD42tv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                            Gaps
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        DB 1; Length 27;
                                                            Indels
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  1.8%; Score 19.6; D. 34.6%; Pred. No. 53; Vec 0; Mismatches
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/mol_type="genomic DNA"
/strain="C57BL/6"
                                                                                                           1068 AGGTAAAGCAACTATTAAAAAAAA 1093
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Location/Qualifiers
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/clone="UUGC1M0436G12"
                                                                                                                                                          26 ATGTAAAGCATCTAACAAAAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
Mus musculus
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AZ610868.1 GI:11733058
                              84.6%;
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Query Match
Best Local Similarity 84.6'
Matches 22; Conservative
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pwDA2 (gil4732114 [gh]AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 21)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                AZ764492 10-FEB-200 1MA linear GSS 16-FEB-200 1M0560D04R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0560D04 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plasming --
Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
University of Utah
Pm 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                              Gaps
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   Length 21;
                                                              Indels
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H
1.8%; Score 19.4; DB 1;
95.2%; Pred. No. 50;
tive 0; Mismatches 1;
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Fax: 801 585 7177
Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.6
Plate: 0560 row: D column: 04
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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                                                                                                                       1080 TATTAAAAAAAAAAAA 1100
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                            Best Local Similarity
Matches 20; Conservat
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Query Match
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AZ448207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                      AZ309553 29-SEP-200
1M0016B10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0016B10 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 24)
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/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksor
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  DB 1; Length 21;
                                                 Indels
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Insert Length: 10000 Std Error: 0.00
1.8%; Score 19.4; D
95.2%; Pred. No. 50;
cive 0; Mismatches
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Seg primer: CGTTGTAAAACGACGGCCAGT
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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                                                                                                                                              1 TITIAAAAAAAAAAAAAA
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                       1 Similarity 95.2.
20; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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Query Match
Best Local Si
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18

BASE COUNT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gil [4722114][gh]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 24)

Unon, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
                                                                                                                                                                                                                                                                                                                                                     AZ448207
1M0245E16R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0245E16 R, genomic survey sequence.
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84112, USA
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/lab host="E. Coli strain XLI0-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWP42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksol
                                                             Gaps
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0
   Length 24;
                                                             Indels
   DB 1;
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0245 row: E column: 16
Seq primer: CACACAGGAAACAGCTAATGACC
Query Match
1.8%; Score 19.4; D
Best Local Similarity 95.2%; Pred. No. 53;
Matches 20; Conservative 0; Mismatches
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0245E16"
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High quality sequence stop: 24.
Location/Qualifiers
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU327/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing, A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@tigr.corg
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                                 GSS 13-DEC-2000
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Pneumocystis carinii
Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
1 (bases 1 to 26)
Smulian,A.G., Axnold,J., Weise,M., Wunderlich,J., Staben,C., Edman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Campus, Hinxton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Mel Ville, S.E., Rajandream, M.A. and Barrell, B.G. Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hir Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                               TA12F02Q 25 bp DNA linear GSS 13-D
T. brucei sheared genomic DNA clone 12f02, reverse sequence,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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       ch 1.8%; Score 19.4; D
1 Similarity 95.2%; Pred. No. 54;
20; Conservative 0; Mismatches
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/strain="TREU927"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:5691"
/clone="12f02"
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1 (bases 1 to 25)
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     Query Match
Best Local Similarity
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TA12F02Q
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S Junn, D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacze,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished
Contact: Robert B. Weiss
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pw142 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-GGold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
                                                        Gaps
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       1.8%; Score 19.4; DB 1; Length 24; 95.2%; Pred. No. 53;
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Fax: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
fromth: 10000 Std Bros: 0.00
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Plate: 0055 row: F column: 09
Seg primer: CGTTGTAAAAGGACGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0056F09"
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Query Match
Best Local Similarity 95.2<sup>3</sup>
Matches 20; Conservative
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USA
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'organism="Homo sapiens"
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/lab_host="E.con"
/clone_lib="AGS-1"
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2: XhoI;
P. carinii organisms (3x10e9) from a single rat (59-1-6, sacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard conditions described by vendor, Stratagene. Further details see www.uky.edu/project/Pneumocystis/"
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( (base; Loze); Loze, Lo
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                                                                                               Contact: Staben C
School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
40506-0225, USA
191 606 257 2161
Fax: 606 257 2161
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
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,J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
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High quality sequence starts: 1
High quality sequence stops: 1
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Seg primer: Promega -21ml3
High quality sequence stop: 1.
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/db_xref="taxon:4754"
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                                                                                                                                                                                                                                                                                                                                Email: staben@pop.uky.edu.
Location/Qualifiers
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Best Local Similarity 95.2
Matches 20; Conservative
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 26)
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84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                            /sex="Female"
/dev_stage="placenta obtained at birth (full term)"
/lab_host="DH10B (ampicillin resistant)"
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
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/clone="UUGC1M0101M24"
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Location/Qualifiers
/mol_type="mRNA"
/db_xref="GDB:538233"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
                                                /db_xref="taxon:9606"
/clone="IMAGE:132611"
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sex="Male"
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Fax: 801 585 7177
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                                     (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwalvel (gill 4/32114/194) AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent B. coli XIIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
  from the Jackson
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musculus C57BL/6J (male) was obtained
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: H column: 09
Seq primer: CACACAGGAAACAGCTATGACC
class: plasmid ends
                           Laboratory Mouse DNA Resource
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Contact: Robert B. Weiss
University of Utah
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0080H09"
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Best Local Similarity 95.2'
Matches 20; Conservative
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinaee. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (4) 4732114 (4pb HR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innext adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ650575 14-DBC-200
IM0520P13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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100.0%; Pred. No. 54;
7ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone UUGC1M0520P13 R, genomic survey seguence.
(male) was obtained
                        Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0520 row: P column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plammid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0520P13"
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Location/Qualifiers
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Mus musculus
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114 [gb]AR129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
musculus C57BL/6J (male) was obtained from the Jackson
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.7%; Score 19; DB 1; Length 20; 00.0%; Pred. No. 55;
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Pred. No. 57;
                          Laboratory Mouse DNA Resource
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10.7%, 2...
Best Local Similarity 100.0%; Pred. No. 55;
Conservative 0; Mismatches
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/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.7%; Score 19;
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Best Local Similarity 100.0%;
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BQ591193/c
LOCUS
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ORGANISM
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AL048772
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TITLE
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          Inductory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|47212114|gb|AR129072.1), a copyrunmber
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli xL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ849506 2001 20 bp DNA linear GSS 21-FEB-2001 2M0150P21R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGC2M0150P21 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
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/strain="C57BL/6J"
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'clone="UUGC2M0150P21"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Class: plasmid ends
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Best Local Similarity 100.0
Matches 19; Conservative
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COMMENT
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AL048772 21 bp mRNA linear EST 30-APR-1999 DKFZp566N143_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone DKFZp566N143, mRNA sequence.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (Dases 1 to 21)
Kochrer.K., Beyer,A., Mewes,H.W., Gassenhuber,J. and Wiemann,S.
EST (Kochrer, et al.)
Gaps
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/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="vector: pAWP1; Site_1: NotI; Site_2: SalI"
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double-stranded CDNA was size selected, ligated to ECO RI adapters (Pharmacia), digested with Not I and cloned into the Not I and ECO RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Scares and M. Ratima Bonaldo. RNA from 4 multiple sclerosis lesions from one parient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota; Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia; Butheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases I to 25)
1 (bases I to 25)
2 (bases I to 25)
2 (bases, L., Lemnon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, M., Hawkins, M., Hullman, M., Kucaba, T., Lacy, M., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soaree, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M.
                                                                                                                                        Introduction of Medicine
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLML, contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: ml3 -40 forward
High quality sequence 8top: 1.
High quality sequence 8top: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone_lib="Soares multiple_sclerosis_2NbHMSP"
hote="Vector: pT773D (Pharmacia) with a modified
polylinker V TYPE: phagemid; Site_I: Not I; Site_2: Eco RI
ist strand_CDNA was primed with a Not I - oligo(dT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EST 06-FEB-1995
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman
,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
Kikin,L., Rohlfing,T., Sares,M., Tan,F., Trevaskis,E., Waterston
,R., Williamson,A., Wohldmann,P. and Wilson,R.
The WashU-Merck EST Project
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25 bp mRNA linear EST 06-FEB-19

YD08D108.s1 Stratagene placenta (#337225) Homo sapiens cDNA clone
IMAGE:70623 3' similar to similar to gb:X62744 CLASS II
HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN (HUMAN), mRNA sequence.
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/dev stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
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tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
|mol_type="mRNA"
|db_xref="GDB:3905397"
|db_xref="faxon:9606"
|clone="twAGE:28957"
|sex="male"
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/db_xref="taxon:161934"
/dclone="024-017-114"
/tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-storage root"
/clone_lib="MPIZ-ADIS-024-storage root"
/note="vector: pcWVSPORT6; Site 1: Sal1; Site 2: Not1;
CDNA library from sugar bert library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                   Beta vilgaris

Bukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; endicotyledons; core endicots;

Caryophylales; Amaranthaceae; Beta.

1 (bases 1 to 22)

1 (bases 1 to 22)

Neisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-77, Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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                                                                                                                                                                                                                                                                                                                                                                                       Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant U. 32 (5), 845-857 (2002)

Contact: Weisshaar B
ADIS DNA core facility at MPIZ

AMA: Planck-Institute for Plant Breeding Research

Carl-von-Linne Meg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 25)
           root Beta vulgaris
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     E012715-024-017-D14-T7 MPIZ-ADIS-024-storage rocona clone 024-017-D14 3-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bmail: weisshaa@mpiz-koeln.mpg.de
Insert Length: 22 Std Brror: 0.00
Plate: 17 row. D column: 14
Seq primer: T7; GTAAUACGACTCACTATAGGGG.
Location/Qualifiers
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00.0%; Pred. No.
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BQ591193.1 GI:26120776
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Homo sapiens
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13

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mol type="mRNA"
/cultivar="KMS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                    /note="Vector: pcMvSPoRT6; Site_1: Sal1; Site_2: Not1;
Ontolalibrary from sugar beet, library provided by KWS
Kleinwanzlebener Sastzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                 SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Squencing granted in the context of the GABI-Beet project local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EST 02-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryotti, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo. I (bases I to 27). Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Riklin,L., Rohling,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 19; DB 1; Length 26; Pred. No. 63;
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/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-inflorescence"
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/lab_host="DH10B (ampicillin resistant)"
    Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
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                                                                     organism="Beta vulgaris"
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                                                                                                                                                                             /db_xref="taxon:161934"
/clone="024-001-E10"
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/db_xref="GDB:1247858"
                                                                                                                                                          db_xref="GABI:181514"
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/clone="IMAGE:302926"
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Contact: Wilson RK
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Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
fingerprinting allows access to 25 000 potential sugar beet genes
L Plant U. 32 (S), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaamquiz-koeln.mpg.de
Insert Length: 26 Std Error: 0.00
Plate: 1 row: E column: 10
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 26)
Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                       This clone is available royalty-free through LLNL, contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
                                                                                                                            Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.7%; Score 19; DB 1; Length 25;
.00.0%; Pred. No. 61;
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-ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="mRXA"
/db_xref="GDB:491520"
/db_xref="taxon:9606"
/clone="IMAGB:70623"
                                                                                                                                                                                                                                           High qality sequence starts: 1
High qality sequence stops: 1
                                                                                                                                                                                                                                                                                       Source: IMAGE Consortium, LLNL
                                                                                                                                                                                                                                                                                                                                                                        Seg primer: -21m13
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                        Email: est@watson.wustl.edu
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                                                                                     Other ESTs: yb08h08.rl
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="male"
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                                                                     8889549
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TITLE
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Gaps

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (Bases 1 to 23)

Bunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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81.5%; Pred. No. 64;
tive 0; Mismatches 5; Indels
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/mol_type="genomic DNA"
/strain="C57BL/60"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone="UUGC1M0542D04"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Б
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus (house mouse)
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Best Local Similarity 81...
The 22; Conservative
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84112, USA
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KEYWORDS
SOURCE
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Caryophylads; Amaranthaceae; Beda.

Caryophylads; Amaranthaceae; Beda.

Caryophylads; Amaranthaceae; Beda.

I (bases 1 to 26)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at NPIZ

Max-Plant. J 20 (5), 845-87 (2002)

Contact: Weisshaar B

ADIS DNA core facility at NPIZ

Max-Plant Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (414732114)[pb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           26 bp mRNA linear EST 06-DEC-2002 E012097-024-006-E10-SP6 MPIZ-ADIS-024-inflorescence Beta vulgaris EDA clone 024-006-E10 5-PRIME, mRNA sequence.
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab host="EMDH10B"
/clone lib="MPIZ-ADIS-024-inflorescence"
/clone lib="MPIZ-ADIS-024-inflorescence"
/note="Vector: pCWVSPORT6; Site_1: Sall; Site_2: NotI;
CDNA library from surrant beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof.
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Insert Length: 26 Std Brror: 0.00
Plate: 6 row: E column: 10
Seq primer: SP6, CATACGATTTAGGTGACACTATAG.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.7%; Score 18.8; Di
90.9%; Pred. No. 63;
ative 0; Mismatches
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/db_xref="taxon:161934"
/clone="024-006-B10"
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Best Local Similarity 90.9
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                              GSS 03-OCT-2000
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ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
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1 (bases 1 to 25)
1 (bases 1 to 25)
2 Morn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                           AZ442170 25 bp DNA linear GSS 03-OCT-200 IM0234H18R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0234H18 R, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
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musculus C57BL/6J (male) was obtained from the Jackson
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Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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84112, USA
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                                                                                             1.7%; Score 18.8; DB 1; Length 26; 90.9%; Pred. No. 67;
                                                                                                                                             2; Indels
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Insert Length: 10000 Std Error: 0.00
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                                                                                                                      Pred. No. 67;
0; Mismatches
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Seq primer: CACACAGAAAACAGTATGACC
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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/clone="UUGC1M0234H18"
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                                                                                                                                               Conservative
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Fax: 801 585 7177
                                                                                                                         Similarity
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KEYWORDS
SOURCE
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LOCUS
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TITLE

COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ368518
1M0118G09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic cone UUGC1M0118G09 R, genomic survey sequence.
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/clome_lib="Mouse lokb plasmid UNGCIM library.
/note="Wector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                              Gaps
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                                                                                                                            Length 25;
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                                                                                                                               DB 1;
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
Email: ddunm@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0118 row: G column: 09
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                            1.7%; Score 18.6; D
34.0%; Pred. No. 70;
ive 0; Mismatches
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/strain="C57BL/6"
/db xref="taxon:10090"
/clone="UUGCIM0118G09"
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                                                                                                                                                             llarity 84.0%;
Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|R129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
                                                                                                 Length 21;
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                                                                                                    DB 1;
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Insert Length: 10000 Std Error: 0.00
Plate: 0059 row: J column: 16
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                                                                                                                         Pred. No. 68;
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                      Score 18.4;
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Location/Qualifiers
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                                                                                                 1.7%;
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Fax: 801 585 7177
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Matches
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1M0328C11R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0328C11 R, genomic survey sequence.
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 1\ c 0 g _3 t
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Musinae; Euteleostomi;
[1] [Dases 1 to 21]
[2] [Dun,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Mun,D., Aoyagi,A., Barber,M., Menen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse lob plasmid UUGCIM library"
/note="Vector: PWD42Iv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                    Query Match 1.7%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 67; Matches 19; Conservative 0; Mismatches 1; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0328 row: C column: 11
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0328C11"
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Fax: 801 585 7177
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AZ493766
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 1 t
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1 (bases 1 to 23)
2 (bunn,D., Acyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid ingerts
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2M0059J16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0059J16 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                            AZ486788 1002 1002 passing UUGCIM library Mus musculus genomic close UUGCIM0315122 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
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                                                                                                                                           Gaps
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                                                                                       1.7%; Score 18.4; DB 1; Length 23; 95.0%; Pred. No. 71; 1; Indels
                   and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
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Seq primer: CGTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@genet
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AZ486788/c
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KEYWORDS
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SOURCE

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-regaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligomuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwG42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 22 t
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University of Utah Genome Center
University of Utah
Rm. 138, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
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/note="Vector: PWD42zry; Purified genomic DAN from M.
musculus C57BL/6J (Malle) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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95.0%; Pred. No. 73;
tive 0; Mismatches
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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clone="UUGC1M0429G03"
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                                                                                                                                                                                                                                                                                                                                        Conservative
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BASE COUNT

Matches

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RESULT 31 CNS00BGV/c DEFINITION

ACCESSION VERSION KEYWORDS SOURCE AUTHORS TITLE JOURNAL

COMMENT

REFERENCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orfifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amplial in resistance."
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ALS87759 BP Chicken Brain Library Gallus gallus cDNA clone
ROS061G06, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 306, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Twetcor: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
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8; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0248 row: K column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1. .19
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                                                     Mus musculus (house mouse)
Mus musculus
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  AZ450180.1 GI:10604710
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                      Unpublished
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Matches 18
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        VERSION
KEYWORDS
                                                                                                                                                                             REFERENCE
                                                                                                                                                                                                           AUTHORS
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                                                              SOURCE
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Submitted (02-JUN-1999) Genoscope - Centre National de Sequencage:
Bp 191 91006 EVRY cedex - FRANCE (E-mail: seqref@genoscope.cns.fr.
Web: www.genoscope.cns.fr)
Determination of this BAC-end sequence was carried out as part of collaboration with the Berkeley Drosophila Genome Project (BDGP).
The BDGP is constructing a physical map of the Drosophila melanogaster genome using these BACs. For further information please EACs. For further information please see http://www.fruitfly.org The BDGP Drosophila melanogaster BAC library was prepared by Kazutoyo Oscogawa and Aaron Mammoser in Pieter de Jong's laboratory in the Department of Cancer Genetics at the Roswell Park Cancer Institute in Buffalo, NY. The library is named RPCI-98 and was constructed by partial ECORI digestion of Drosophila DNA provided by the BDGP from the isogenic strain v2: on bw sp, the same strain used for the BDGP's pl and RST libraries. A more detailed description of the library and how to order individual BAC clones, the entire library, or filters for hybridization from the BACPAC Resource Center can be found at http://bacpac.med.buffalo.edu/drosophila_bac.htm.
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
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                                                                                                                       1.7%; Score 18.4; DB 1; Length 24; 95.0%; Pred. No. 73;
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36.4%; Pred. No. 75;
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                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               fly), genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone_lib="RPCI-98"
/note="end : TET3"
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                                                                                                                                                                                                                                            1081 ATTABABABABABABA 1100
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source

FEATURES

BASE COUNT

DEFINITION

LOCUS

RESULT 32 AZ450180

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Gaps

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was bunt end-repaired with Ta DNA polymerase and Ta polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pww10.2 (gil/4732114)gb|AP129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0163003R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0163003 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                    /lab host="B. Coli strain XLIO-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 20; 76;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: C column: 20
Seq primer: GGTGTAAAAGGAGGCGAGT
Class: plasmid ends
High quality sequence stop: 20.
                                                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                         /organism="Mus musculus"
                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                           /db_xref="taxon:10090"
/clone="UUGC1M0315C20"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mus musculus (house mouse)
Mus musculus
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                                                                                                                                                                                                                                                                                                       /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
801 585 7177
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                           Bmail: frazer.murray@bbsrc.ac.uk
GCGGCCGCTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                                         Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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/organism="Gallus gallus"
/mol_type="mRNA"
/db xref="taxon:001"
/clone="ROS061G06"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                         Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin Institute
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
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100.0%; Pred. No.
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BP Chicken Brain Library
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    GI:13192793
                                             Gallus gallus (chicken)
Gallus gallus
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      AL587759.1
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AZ486784/c
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T57657
yb59h02.s1 Stratagene ovary (#937217) Home sapiens CDNA clone IMAGE.75507 3' similar to similar to gb:M17589 TYROSINE T57657 3' similar (HUMAN), mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hillier, L. Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chisoes, I. Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chisoes, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins S., M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenbery, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M. Generation and analysis of 280,000 human expressed sequence tags
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                High qality sequence starts: 1
High qality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
                                                                                                                                                                                                             Gaps
/dev stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: Sall"
/note="Vector: 2 g 1 t .... >3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
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                                                                                                                                                              1.6%; Score 18; DB 1; Length 23;
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                                                                                                                                                                                    81;
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Best Local Similarity 100.0%; Pred. No. 81;
Conservative 0; Mismatches
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|wol_type="mRNA"
|wol_txef="qBs:56526"
|db_xref="taxon:9606"
|clone="taxon:9606"
|sex="female"
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High quality sequence stop: 1.
Location/Qualifiers
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PUBMED
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T57657/c
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[http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD2 (gil4722114)gp|Ap129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the innert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coll XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     23 bp mRNA linear EST 30-APR-1999
DKFZD566N213_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone
DKFZD56N213, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                            /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 23)
Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S. EST (Koehrer, et al.)
Unpublished
                                                                                                                                                                                                                                                                                                                                                                    /sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                             Eax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0163 row: O column: 03

Seq primer: CACACAGGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 20.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. 76;
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                           /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone="DKFZp566N213"
/tissue_type="kidney"
                                                                                                                                                                                                                                                                                                                   'db xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                         /clone="UUGC2M0163003"
                                                                                                                                                                                                      Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 18; Conservative
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AL048776
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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /sex="Male"
                                                                                                                                                                                                            84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                   plasmid inserts
Unpublished
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/mol type="mRNA"
/db Aref="texon:4754"
/lab host="E. coli"
/clone_lib="AGS-1"
/clone_lib="AGS-
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Smulian, A.G., Arnold, J., Weise, M., Wunderlich, J., Staben, C., Edman
, J.C., Kovacs, J. and Cushion, M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
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                                                                                                                                                                                                                                                                                                                        EST 31-JAN-2000
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud, M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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1M0173J14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0173J14 R, genomic survey sequence.
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                                               Gaps
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
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S44B4 AGS-1 Pneumocystis carinii CDNA 3', mRNA sequence.
AW335179
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Eukaryota, Fungi; Ascomycota, Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
                                                   Indels
                                                   .
0
                                               Mismatches
               100.0%; Pred. No.
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Location/Qualifiers
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Best Local Similarity 90.5
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 606 257 2161
Fax: 606 257 1717
                                                   Conservative
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               Best Local Similarity
Matches 18; Conserv
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Induction C. The DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amplian resistance."
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DRNBAF06 Rat DRG Library Rattus norvegicus cDNA clone DRNBAF06 5',
mRNA sequence.
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Xiao, H.S., Huang, Q.H., Zhang, F.X., Bao, L., Lu, Y.J., Guo, C., Yang, L., Huang, W.J., Fu, G., Xu, S.H., Cheng, X.P., Yan, Q., Zhu, Z.D., Zhang, X., Chen, Z., Han, Z.G. and Zhang, X.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCM library"
/note="Vector: PWD42rry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                  E., SLC,
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                                                                                                  Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030
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Best Local Similarity 90.5%; Pred. No. 97;
Matches 19; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0173 row: J column: 14
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db xref="taxon:10090"
/clone="UUGC1M0173J14"
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Insert Length: 10000 Std Erro:
Plate: 0109 row: G column: 10
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                         /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.33
Matches 20; Conservative
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1M0052M17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0052M17 R, genomic survey sequence.
                                                                                        Contact: Zhang Xu
Laboratory of Sensory System
Laboratory of Sensory System
Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031, P.R.China
Tel: 86-21-64713446
Email: xu.zhang@ion.ac.cn
This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
Pudong New Area, P.R.China. Please contact with Zhang Xu
(Xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chgc.sh.cn)
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Musculus

Musculus

Muscaca, Chordata, Craniata, Vertebrata; Buteleostomi,

Muscaca, Betheria, Rodentia, Sciurognathi; Muridae, Murinae, Mus.

1 (bases 1 to 24)

1 (bases 1 to 24)

Munn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="dorsal root ganglion" /dev stage="adult" /clone_lib="Rat_DRG Library" \overline{0} 0 g 0 t
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Insert Length: 10000 Std Brror: 0.00
Plate: 0052 row: M column: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Rattus norvegicus"
/mol_type="mRNA"
/strain="Sprague-Dawley"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. 93;
0; Mismatches
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/clone="DRNBAF06"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                  Seg primer: T3
POLYA=No.
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Best Local Similarity
Matches 20; Conserv
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AZ328848
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

El (bases 1 to 24)

Sunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D., Waiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah
RM. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (http://www.lax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gell electrophoresis. Vector DNA was prepared from a derivative of pWM92 (gi|4722114 (gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xni0-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                  /lab host="B. Coli strain XLIO-Gold, T1-resistant, F-"
/clone lib="Mouse 10%b plasmid UUGCIM library"
/note="Twetcor: PMD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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; Pred. No. 93;
0; Mismatches
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                    organism="Mus musculus"
                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0052M17"
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Mus musculus
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Std Error: 0.00

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Seq primer: CACACAGGAAACAGCIATGACC Class: plasmid ends
High quality sequence stop: 24.

Location/Qualifiers
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Insert Length: 10000 Std Erro
Plate: 0152 row: H column: 07
                                                                                                                                                                                                          /db xref="taxon:10090"
/clone="UUGC1M0145D02"
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Mus musculus
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AZ390642.1 GI:10505685
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Fax: 801 585 7177
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Best Local Similarity
Matches 20; Conserv
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AZ390642/c
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                                                                                                                                                                                                                                                                                /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Monuse 10kb plasmid UUGCIM library"
/clone_lib="Wonuse 10kb plasmid UUGCIM library"
/note="Vector: FWD42nv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gri
los kb range using preparative agarose gri
electrophoresis. Vector DNA was prepared from a derivative
of pMD4 (gri | 4732114| gpl | AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xii.0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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84112, USA
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Sukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
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83.3%; Pred. No. 93;
iive 0; Mismatches 4; Indels
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Fax: 801 585 7177
Email: ddunmgenetics.utah.edu
Email: hength: 10000 Std Brror: 0.00
Plate: 0145 row: D column: 02
        Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                      /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/63"
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0109G10"
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                                                                                                                                                                                                                                                                     sex="Male"
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Matches 20, Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|RF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                           /sex="Male"
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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83.3%; Pred. No. 93;
tive 0; Mismatches
organism="Mus musculus"
                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
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Thu Jan

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inductions colored to the boundary of the boundary function of the boundary Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Unpublished
Contact: Robert B. Weiss
University of Utah
University of Utah
Weiss Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T. Reilly, A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                         /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_lokb plasmid UGCIM library"
/note="Wector: PWD4Zny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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/mol_type="genomic DNA"
/strain="C57BL/64"
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                           High quality sequence stop: 24.
Location/Qualifiers
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AZ644621.1 GI:11773331
                                                                                                                                                                                                                                                                                                    sex="Male"
                                  Class: plasmid ends
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Matches 20; Conservative
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/lab host="E". Coli strain XL10-Gold, T1-resistant, F-"
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/note="Wetor: PWD42Dr; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inductible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli X110-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Lunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Seq primer: CGTTGTAAAACGACGGCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0152H07"
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Insert Length: 10000 Std Erro
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GSS.
                                                                                                                                                                                                                                                                                                    sex="Male"
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Fax: 801 585 7177
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Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
High quality sequence stop: 24.
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                                                                                                                                                                                                                                                    /sex="Male"
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Fax: 801 585 7177
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84112, UE
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid innerts
                                                                                                                                                                                                                                                            /lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
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3.3%; Pred. No. 93;
ve 0; Mismatches
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                       /organism="Mus musculus"
                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
                                        High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                            db xref="taxon:10090"
                                                                                                                                                                                                                   clone="UUGC1M0508F12"
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Mus musculus
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                                                                                                                                                                                                                                            sex="Male"
                      Class: plasmid ends
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Fax: 801 585 7177
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                                                                    FEATURES
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musculus G57BL/G1 (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dass 1 to 24)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/note="Vector: PWADAN; Purified genomic DNA from Musculus C57BL/6J (male) was obtained from the Jac
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Insert Length: 10000 Std Brror: 0.00
Plate: 0129 row: A column: 05
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Best Local Similarity 83.3%; Pred. No. 93;
Matches 20; Conservative 0; Mismatches
                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0031H11"
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114| gpl|AR123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                                                                                                                                                                       /lab_host="E. coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UNGCZM library"
/note="Vector: PWD42Lv', Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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Wharyrois, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 24)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std Error: 0.00
Plate: 0266 row: H column: 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Laboratory Mouse DNA Resource
Seq primer: CGTruc...
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                      organism="Mus musculus"
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/strain="C57BL/6J"
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/clone="UUGC2M0243J02"
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                                                                                                                                                                                                                                                                                                               /sex="Female"
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Fax: 801 585 7177
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AZ984490
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pw/42 (gil 4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xiii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Sukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 24)
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Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished
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                                                                                                                                                                                                                                                                                                         /sex="Male" /sex="Male" /sex="Male" /sex="Male" /lab host="B. Coli strain Xil0-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource /Anomiments/dnares/). The DN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
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                          Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                      organism="Mus musculus"
                                                                                                                                                                                                    mol type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   row: J column: 02
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clone="UUGC2M0129A05"
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Insert Length: 10000 Std Erro
Plate: 0243 row: J column: 02
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Fax: 801 585 7177
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AZ970038
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Trypanosoma brucei
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TA169D12P/c
                                                                                                                   SOUTH
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                                                                                                                                                                                                                                                                               /lab host="E. coli strain X110-Gold, T1-resistant, F-"
/lab host="E. coli strain X110-Gold, T1-resistant, F-"
/clone_lib="Wouse 10kb plasmid UUGC2M library"
/note=="Vector: PWD42nv; Purified genomic DNA from M
musculus G57BL/G/ (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.lax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored bNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy.number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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2M0278019F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0278019 F, genomic survey sequence.
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Fax: 801 585 7177

Email: ddunm@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0278 zow: O column: 19
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83.3%; Pred. No. 93;
iive 0; Mismatches
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                   organism="Mus musculus"
                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                   clone="UUGC2M0266H05"
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Mus musculus
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Best Local Similarity 83.33
Matches 20; Conservative
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732.114 [gb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                    /sex="Female"
/lab host="E. coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (female) was obtained from the Jackson Laboratory Mouse DNA Resource
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1 (bases 1 to 24)

Rall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,

Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,

Melville, S.E., Rajandream, M.A. and Barrell, B.G.

Direct Submission

Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing

project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,

Cambridge CB10 1.SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma bruce; (TREU927/4 GUTAt 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Barrell, Oxford University Press, 1999).
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3.3%; Pred. No. 93;
                                                                                                                                                                                   organism="Mus musculus"
Seq primer: CGTTGTAAAACGACGGCLAGC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                         db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                       /clone="UUGC2M0278019"
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Best Local Similarity 83.3%;
Matches 20; Conservative
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Conservative
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TA371F11P
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Direct submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project. Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, cambridge CBIO ISA, E-mail: barrell@eanger.ac.uk and nhl@eanger.ac.uk and nhl@eanger.ac.uk and nhl@eanger.ac.uk and constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTAT 10.1) was mechanically sheared to give a tight size distribution (
1 kb). The v + i method used for the library construction is described in detail in Smith, H. and venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).

Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                     TA27B08Q 24 bp DNA linear GSS 13-1
T. brucei sheared genomic DNA clone 27b08, reverse sequence
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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/mol_type="genomic DNA"
/strain="TREU927"
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Pred. No. 93
                                                                                     /organism="Trypanosoma br
/mol type="genomic DNA"
/strain="TREU927"
/db xref="taxon:5691"
/clone="169412"
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83.3%;
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Matches 20; Conserv
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RESULT

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TA371F11P 24 bp DNA linear GSS 13-DEC-2000
T. brucei sheared genomic DNA clone 371f11, forward sequence,
GSS 13-DEC-2000
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Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.B., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nhissanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, Mb. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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Details of T. brucei sequencing at the Sanger Centre are available
at http:/www.sanger.ac.uk/brojects/T_brucei/.
Location/Qualifiers
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Genome Campus, Hinxton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing a Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
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TA354C06P 24 bp DNA linear GSS 13-DE
T. brucei sheared genomic DNA clone 354c06, forward seguence,
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Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae,
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Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae,
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project, Sanger Centre, The Wellcome Trust Genome Cam
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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/strain="TREU927"
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/clone="354c06"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Direct, Supplies on Trypanosoma bruce; genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CEIO 15A, B-mail: barrell@sanger.ac.uk and nblosanger.ac.uk constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma bruce; (TREU927/4 GUTAt 10.1) was mechanically sheared to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing Projects. In Genome Sequencing A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
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                o give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Veneer, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).

Baril: nelsayed@tigr.org
at http://www.sanger.ac.uk/Projects/T_brucei/.

Location/Qualifiers
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Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear GSS 13-I
forward sequence,
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Pred. No. 93;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                     1.6%; Score 17.6; DB 1;
83.3%; Pred. No. 93;
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/mol type="genomic DNA"
/strain="TREU927"
                                                                                                                                                                                                                                                                            organism="Trypanosoma brucei"
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                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
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/db_xref="taxon:5691"
/clone="371f11"
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/clone="95b08"
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AL459003
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Best Local Similarity 83.3%;
Matches 20; Conservative
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TA95B08P
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/tismue_type="Brain"
/dew_stage="Unknown"
/lab_host="DailoB"
/lab_host="DailoB"
/clone_lib="BPC Chicken Brain Library"
/clone_lib="Performer"
/note="Vector: pSPORT1; Site_1: Not1; Site_2: Sal1; Cloned
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/not2: Site_1: Not1; Site_2: Sal1; Cloned
/not2: Sal1; Cloned
/not2: Site_1: Site_2: Sal1; Cloned
/not2: Site_2: Sal1; Cloned
/not2: Site_2: Sal1; Cloned
/not2: Site_2: Sal1; Cloned
                                                                                                                                                                                                                                           AL587648 Licken Brain Library Gallus gallus cDNA clone
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Gallus gallus (chicken)
Gallus gallus
Busaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Necgnathae; Galliformes; Phasianidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  N33150 10-JAN-195 NY06G01.81 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:270480 3' similar to gb:D29805 N-ACETYLLACTOSAMINE SYNTHASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

    (bases 1 to 25)

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GCGGCCCGTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin Institute
Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
1077 AACTATTAAAAAAAAAAAAAAA 1100
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/db_xref="taxon:9031"
/clone="ROS060C07"
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                                                              1 AAAAAAAAAAAAAAAAAAAAAA 24
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EST.
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Matches 20; Conserv
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N33150/c
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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83.3%; Pred. No. 94;
cive 0; Mismatches
                                                                                                                                                                                                                                                                      /organism="Mus musculus"
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0078I24"
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                                                                                                                                                                                                                                                                                                                                                                    ′sex="Male"
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Best Local Similarity 83.33
Matches 20; Conservative
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AZ350777/c
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25 bp DNA linear GSS 29-SEP-2000
1M0078124R Mouse 10kb plasmid UUGClM library Mus musculus genomic
clone UUGCLM0078124 R, genomic survey sequence.
                  ,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.
The WashU-Merck EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 25),
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Blam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
'M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
  Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman
                                                                                                                                                                                                      Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LIAL
This clone is available royalty-free through LINL; contact the IMAGE Consortium (inf@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: and 3 - 40 forward
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                Mashington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="dDBs 38012"
/db_xref="taxon:9606"
/clone="IMAGE:270480"
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GSS.
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                                                                                            Unpublished
Contact: Wilson RK
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pw1042 (gil | 4732114 | gb| AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XIII0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eumn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab host="B. Coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse lokb plasmid UUGCIM library" /note=""Vector: PWD4Zrv; Purified genomic DNA from M. musculus C57BL/64 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0078 row: I column: 24
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.
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us09904568-1.rst

B

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (4)1732114[4]b ARAL20072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore and purified. The sheared, adaptored mouse DNA was annealed to chammed the control of 
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Dunn,D., Acyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D., Weise,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb
                    University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGClM library" /note="Vector: PWD42nv; Purified genomic DNA from M.musculus GFBL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0137 row: N column: 18
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 25.
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83.3%; Pred. No. 94;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0137N18"
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Unpublished
Contact: Robert B. Weiss
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Matches 20; Conservative
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                                                                  Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Aoyagi, A., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab.host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/lab.host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse_lobb plasmid UUGCIM library."
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson Laboratory Mouse DNA RESOURCE
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                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddvun@genetics.utah.edu
Insert Length: 10000 §td Error: 0.00
                                                                                                                                                                                                                                                                         Plate: 0088 row: A column: 04
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends

    .25
    /organism="Mus musculus"

University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
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Location/Qualifiers
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Contact: Robert B. Weiss
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Best Local Similarity 83.3
Matches 20; Conservative
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                                                                     Rm. 30
84112,
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AZ381039
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Laboratory Mouse DNR Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xii0-Gold (Stratagene) cells
and selected for ampicillin resistance."
                    University of Utah Genome Center
University of Utah
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Wector: PWD42Try; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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1.6%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 94;
Matches 20; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                        Std Error: 0.00
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                                                                                                                               Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errc
Plate: 0433 row: H column: 15
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Location/Qualifiers
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Contact: Robert B. Weiss
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AZ623157.1 GI:11745347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /sex="Male"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Keilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab host="B. Coli strain XLIO-Gold, Tl-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                       S. 2030 E., SLC,
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University of Utah Genome Center
University of Utah
Rm. 309, Biomedical Polymers Research Bldg.,
84112, USA
                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Fax: 801 1585 7177
Insert Length: 10000 Std Error: 0.00
Plate: 0150 row: B column: 06
Seq primer: GGTTGTAAAACGACGCCAGT
Class: plasmid ends
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0; Mismatches
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83.3%; Pred. No. 94
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/mol_type="genomic DNA"
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Location/Qualifiers
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les 20; Conserv
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0035 row: L column: 19
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus.
1 (bases 1 to 25)
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2M0212008R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
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Unpublished
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/67 (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:10090"
/clone="UUGC2M0035L19"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /sex="Male"
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Best Local Similarity 83.33
Matches 20; Conservative
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Monuse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gfl | 4732114| gpl | AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
                                                   Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
194. 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Plate: 0460 row. L column: 02
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                   /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/67"
/db zref="taxon:10090"
/clone="UUGC1M0460L02"
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
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Location/Qualifiers
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Unpublished
Contact: Robert B. Weiss
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male"
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Best Local Similarity 83.3
Matches 20; Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuralectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114] gpl AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="Te, coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC2M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson
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Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CBIO 1SA, E-mail: barrell@sanger.ac.uk and
           University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Bukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                                                                                                                               Std Error: 0.00
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                                                                                                                                                                                                      Insert Length: 10000 Std Error:
Plate: 0257 row: M column: 19
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                             1. .25
/organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGC2M0257M19"
                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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AL493396
AL493396.1 GI:11867761
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TA324E10P/c
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              University of Utah
Rm. 308, Bjomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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2M0257M19F Mouse 10kb plasmid UUGC2M library Mus musculus genomic close UUGC2M0257M19 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="E. coli strain XLIO-Gold, Tl-resistant, F-"
/lab_host="E. coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus CS7BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Enkaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 25)
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Dum,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
Contact: Robert B. Weiss
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                                                                                                                                                                                                Std Error: 0.00
                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunnegenetics.utah.edu
Insert Length: 10000 Std Error: 0.(
Plate: 0212 row: O column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                      /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/61"
University of Utah Genome Center
                                                                                                                                                                                                                                                                                                       High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC2M0212008"
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Best Local Similarity
Matches 20; Conserv
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AZ980407/c
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Homo sapiens (human)
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Matches 18; Conservative
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Best Local Similarity 94.7
Matches 18; Conservative
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TITLE
JOURNAL
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AL048745
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SOURCE
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTAT 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Barrell, Oxford University Press, 1999).
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                                                                                                                                                                    Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0244J19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
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/organism="Trypanosoma brucei"
/orl_trype="genomic DNA"
/strain="TREU927"
/db_xref="texon:5691"
/clone="324e10"
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Insert Length: 10000 Std Error: 0.00
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                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 94;
0; Mismatches
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83.3%; Pred. No. 94
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Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0244J19"
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@qenet
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les 20; Conserv
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84112, US
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DEFINITION
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COMMENT
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KEYWORDS
SOURCE
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboraruy Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 47321141gb]AF129072.1); a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Unpublished
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/note="Vector: pAMP1, Site 1: NotI; Site 2: SalI"
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94.7%; Pred. No. 95;
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="DKFZp566L123"
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/dev_stage="fetal"
/lab_host="X1-2blue"
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DKFZp566K213_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone AL048745
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                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Tobses 1 to 24)
Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S. EST (Koehrer, et al.)
                                                                                                                                                                 1 (bases 1 to 23)
Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S.
EST (Koehrer, et al.)
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                  /tissue_type="kidney"
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/lab_host="x1-2blue"
/clone_lib="566 (syncnym: hfkd2)"
/note="Vector: pAMPl; Site_1: Not1; Site_2: Sall"
1 c 2 g l t
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Location/Qualifiers
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Location/Qualifiers
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Pred. No. 97;
0; Mismatches
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Pred. No. 99;
                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="mRNA"
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/clone="DKFZp566M233"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1082 TTAAAAAAAAAAAA 1100
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                                                                          AL048745.1 GI:4727816
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94.7%;
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                                                                                                                                                                                                                            Contact: Koehrer K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 94.7
Matches 18; Conservative
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                                                                                                                        Homo sapiens
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Best Local Similarity
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KEYWORDS
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AL048765
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                                                                                                     SOURCE
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DB 1; Length 24;

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Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                   AZ304806 1080 22 bp DNA linear GSS 29-SBP-2000 MO005K17F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Bumania; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 22)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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     Gaps
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     1; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0005 row: K column: 17
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seq primer: CGTTGTAAAACGACGCCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/69"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/clone="UUGC1M0005K17"
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Location/Qualifiers
                                                 1082 TTAAAAAAAAAAAAA 1100
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                                                                                                   3 TCAAAAAAAAAAAAA 21
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18; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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Best Local Similarity
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          Conservative
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Fax: 801 585 7177
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nr; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated for sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gil | 4732114 | gp | AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                 1M0346A10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0346A10 R, genomic survey sequence.
AZ505769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dunn, D., Aoyag, 2., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                               Craniata, Vertebrata, Euteleostomi,
Sciurognathi, Muridae, Murinae, Mus
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84112, USA
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Length: 10000 Std Error: 0.00
     Mismatches
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Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
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clone="UUGC1M0346A10"
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High quality sequence stop: 22.
Location/Qualifiers
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Mammalia, Eutheria, Rodentia,
1 (bases 1 to 22)
                                                  1079 CTATTAAAAAAAAAAAAA 1100
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86.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="Male"
     19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Fax: 801 585 7177
Email: ddunn@gene
                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMN42 (gil 4722114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli x110-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                              GSS 29-SEP-2000
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Dunn,D., Aoyadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                       AZ330773 29-SEP-200 23 bp DNA linear GSS 29-SEP-200 2M0056008F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/clome lib="Mouse lokb plasmid UGCZN library"
/note="Vector: PWD4znv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                              clone UUGC1M0056008 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0056 row: O column: 08
Seg primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0056008"
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Location/Qualifiers
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Best Local Similarity
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Matches

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RESULT 76 BQ590128/c DEFINITION

ORGANISM

AUTHORS

REFERENCE

ACCESSION VERSION KEYWORDS SOURCE JOURNAL COMMENT

TITLE

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Spermatophyta; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

H (bases I to 17)

Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/note="Vector: pGMVSPORT6; Site_1: Sall; Site_2: Notl;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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1 (bases 1 to 17)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
                                                                                                                                                                                                                                                                                                                                    duntatuction of a 'unigene' cDNA clone set by oligonuclectide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 485-867 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
ADIS DNA core facility at MPIZ
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062881
Esmail: Weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 18 row: B column: 24
Seq primer: T7; GTAATACGACTCACTAATAGGGC.
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          cDNA clone 024-018-B24 3-PRIME, mRNA sequence.
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1 (Dasea 1 to 17)

2 Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., and Radelof, U.

2 Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B.

3 (5), 845-857 (2002)

Contact: Weisshaar B.

ADIS DNA core facility at MPIZ

MAN-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
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| Jab host="EMDH10B"
| Clone lib="MPIZ-ADIS-024 storage root"
| Clone lib="Vector: pGMVSPORT6; Site_1: Sall; Site_2: Not1;
| CDNA library from sugar beet, library provided by KWS
| Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
| b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Pred. No. 96;
Mismatches 0; Indels
     Indels
     3,
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Plate: 19 row: B column: 19
Seq primer: T7; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
  Mismatches
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EST 06-DEC-2002

DEFINITION

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BQ590687

BASE COUNT

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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weissharing allows access to 25 000 potential sugar beet genes Contact: Weissharily at MPIZ
ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 0049221562851
Email: weisshaa@mpiz-koeln.mpg.de
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/note="Vector: pCMVSPORT6; Site_1: Sal1; Site_2: Not1;
cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                       orientation:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
SP6-Sall-CCACGCGTCCG-Sprime-context of the GABI-Beet project
, local Pr: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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1 (bases 1 to 18)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
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'cultivar="KWS2320 (double haploid, monogerm breeding line
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E012844-024-019-E24-T7 MPIZ-ADIS-024-storage root Beta vulgaris
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                    Insert Length: 18 Std Error: 0.00
Plate: 7 row: P column: 18
Seq primer: SP6; CATACGATTAGGTGACACTATAG.
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|clone="024-007-p18"
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Caryophyllales; Amaranthaceae; Beta.

Caryophyllales; Amaranthaceae; Beta.

Caryophyllales; Amaranthaceae; Beta.

I (bases 1 to 18)

Herwiga; R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Constant: Weisshaar B

ADIS DNA core facility at MPIZ

MAX-Planck-Institute for Plant Breeding Research
Fax: 00492215062851

Email: weisshaa@mpiz-koeln, mpg.de
                       and Radeloff U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B
ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 17 row: B column: 22
Seg primer: 17; GTAAANGGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                db_xref="GABI:188948"

db_xref="taxon:161934"

clone="024-017-B22"

/tissue type="storage root"

lab_host="EMDH10B"

/clone_lib="WHZIZ_ABIS-024-storage root"

note="Vector: pGWVSPORT6; Site 1: Sal1; Site 2: Not1;

CDNA library from sugar beet, library provided by KWS

Kiniwanizlebener Saatzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
. local Pri. Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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1.5%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 0; Indels
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BQ582676.1 GI:26112253
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
(bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                       AZ307313

19 bp DNA linear GSS 29-SEP-200
1M0008H20R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
Context Contex
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G77BL/6J (male) was obtained from the Jackson
          coordinator: Prof.
                                                                                                                                                                                    Gaps
, local PI: Dr. Katharina Schneider, coordinator:
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                    .,
                                                                                                                               1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 601 585 5606
Fax: 801 585 7177
Email: ddunmagenetics.utah.edu
Ilnsert Length: 10000 Std Error: 0.00
Plate: 0008 row: H column: 20
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Seg primer: CACAGGGAAACAGCTATGACC
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/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            db_xref="taxon:10090"
clone="UUGC1M0008H20"
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Location/Qualifiers
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16s 17; Conservative
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KEYWORDS
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                                                                                    /note="without property of the property of the property from sugar beet, library provided by KWS feliwanziebener Saarzucht AG Binbeck, Germany, contact: b.schullaswa.de; cloning sites SalI-NotI, primer sites and orientation:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /Lissue type="storage root"
/lab host="EMDH108"
/lab host="EMDH108"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Westor: pCMYSPORT6; Site_1: Sall; Site_2: Notl;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
                                                                                                                                                                                                              SP6-5311-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
'local Pri Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BQ588729 110 bp mRNA linear EST 06-DEC-2002 S013713-024-014-B24-T7 MPIZ-ADIS-024-storage root Beta vulgaris CDNA clone 024-014-B24 3-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U. Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                  /clone_lib="MPIZ-ADIS-024-storage root"
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Plate: 14 row: B column: 24
Seg primer: T7; GTAATACGACTCACTATAGGGC.
                  /tissue_type="storage root"
/lab_host="EMDH10B"
                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Prea. ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Beta vulgaris"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: weisshaa@mpiz-koeln.mpg.de
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/clone="024-014-B24"
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clone="024-019-E24"
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BQ588729.1 GI:26118312
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwWA2 (gil/4732114 gb) AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ310105
1M0018E21R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0018E21 R, genomic survey sequence.
                          adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammaalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Johase 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inverts
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/clone_lib="Mouse_lokb plasmid_UUGCIM library"
/note=""Vector: PMP42nv; Purified genomic_DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA Resource
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100.0%; Pred. No. 1e+02;
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGCIM0018E21"
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Location/Qualifiers
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacers, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0018K17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0018K17 R, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0018 row: K column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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strain="C57BL/6J"
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Eukaryota; Metazoa;
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia: Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 19)
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M0036B18R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0036B18 R, genomic survey sequence.
AZ317743
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0036 row: B column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6;"
/db_xref="taxon:10090"
/clone="UUGC1M0036B18"
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complamentary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ340311 19 bp DNA linear GSS 29-SEP-2000 1M0072H15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0072H15 F, genomic survey sequence.
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)
Lunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                                                                                                         Length 19;
                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                     1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

lneert Length: 10000 Std Error: 0.00

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tive 0; Mismatches
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Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 19.
Location/Qualifiers
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19 bp DNA linear GSS 02-0CT-2000 1M0110B24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0110B24 F, genomic survey sequence.
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             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mamaalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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/note="Twetcor: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0110 row: B column: 24
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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100.0%; Pred. No. 10.
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Mus musculus
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AZ364226
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., i. Stam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Dunn, B. Seber, M., Rose, M., Rose, M., Rose, M., Rose, M., Rose, M., Bose, M., Bose, M., Bose, M., Bose, M., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Dunnie whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                           AZ350519
1M008BA10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM008BA10 F, genomic survey sequence.
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                                                                                                                                        Length 19;
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1e+02;
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0808 row: A column: 10
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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Best Local Similarity 100.0
Matches 17; Conservative
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KEYWORDS
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Mus musculus
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 0 0 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                              AZ365696 19 bp DNA linear GSS 02-OCT-200
1M0112A07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0112A07 R, genomic survey sequence.
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/note="Vector: PMD42nv; Purified genomic DNA from M.musculus CSTBL/6J (male) was obtained from the Jacksc Laboratory Mouse DNA Resource
                                                                                                                                                                  Gaps
                                                                                                                                                                    0;
                                                                                                                  1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
ative 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
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Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
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organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0112A07"
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Mus musculus (house mouse)
Mus musculus
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                                                                                                                                                             17; Conservative
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Fax: 801 585 7177
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                                                                                                                  Query Match
Best Local Similarity
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84112, US
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                                                                        BASE COUNT
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AZ365696
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plannid inserts
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1M0127D10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0127D10 F, genomic survey sequence.
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                                                                                                                                                                                                                                                Gaps
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                                                                                                                                      Score 17; DB 1; Length 15;
Pred. No. 1e+02;
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100.0%; Pred. No. ...
0; Mismatches
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Fax: 801 585 7177
Email: adunmagenetics.utah.edu
Insert Length: 10000 8td Brror: 0.
Plate: 0127 row: D column: 10
Seq primer: CGTYGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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AZ385952
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Best Local 8
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
/http://www.jax.org/resources/documents/dnares/). The DNA
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Mus musculus
Mus musculus
Mus musculus
Musuyota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
plasmid inserts
plasmid inserts
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." a 0 0 0 0 t
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1M0127F04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0127F04 R, genomic survey sequence.
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                                                                                         Score 17; DB 1; Length 19; Pred. No. 1e+02;
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Insert Length: 10000 std Error: 0.00
                                                                                                                   100.0%; Pred. ....
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Seq primer: CACAGGAAACAGCTATGACC
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organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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                                                                                                            1.5%; Score 17;
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                                                                                                                                                          Conservative
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Fax: 801 585 7177
                                                                                      Query Match
Best Local Similarity
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AUTHORS
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AZ374619
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SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil#132114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/close_lib="Mouse_10kb_plasmid UTGCIM_library"
/note="Vector: PWD42ny; Purified genomic_DNA_from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0144 row: L column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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clone="UUGC1M0144L10"
/sex="Male"
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Mus musculus
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Insert Length: 10000 Std Error:
Plate: 0182 row: P column: 04
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
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ligated to the blunt ends in high molar excess. The
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10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwD42 (gi|4712114|gb|AF129072.1), a copy number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, R., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                             AZ391509 19 bp DNA linear GSS 03-0CT-200 1M0153K08R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0153K08 R, genomic survey sequence.
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                                                                                                                    ch 1.5%; Score 17; DB 1; Length 19; 1 Similarity 100.0%; Pred. No. 1e+02; 17; Conservative 0; Mismatches 0; Indels
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Insert Length: 10000 Std Exror: 0.00
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Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0153K08"
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                    Query Match
Best Local Similarity
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gblAR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Waiversity of Utah
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
(Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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musculus C57BL/6J (Male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
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FAL: 801 585 5606
FAX: 801 585 7177
Email: ddunn@genetics.utah.edu
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sex="Male"
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                                                                                                                                   Similarity
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Mus musculus Lincuse mouse; Musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mamalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                 AZ414413
1M0188013R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0188013 R, genomic survey sequence.
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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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Pred. No. 1e+02;
Mismatches 0; Indels
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Tel: 801 585 5606
Fax: 801 585 5606
Fmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0188 row: 0 column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                 100.0%; Preu. ...
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University of Utah Genome Center
University of Utah
                                                                                                      1.5%; Score 17;
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/clone="UUGC1M018B013"
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Location/Qualifiers
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AUTHORS
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AZ422604 linear GSS 03-OCT-2000 lM0201B21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0201B21 F, genomic survey sequence.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Weissity of Utah
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyai,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177
Fax: 801 dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0201 row. P _______
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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/clone="UUGC1M0201B21"
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Location/Qualifiers
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AZ422604.1 GI:10546617
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Mus musculus
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KEYWORDS
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[http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gal
electrophoresis. Vector DNA was prepared from a derivative
of pwD42 (gi|4732114|gp|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. L bases 1 to 19)

Lunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0204020F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0204020 F, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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84112, USA
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                                                                                                              Length 19;
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100.0%; Pred. No. 1e+02;
vative 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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                                                                                                                                                         17; Conservative
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Fax: 801 585 7177
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AZ424716/c
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwM942 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complamentary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0233D01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0233D01 F, genomic survey sequence.
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                              1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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University of Utah Genome Center
University of Utah
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nes 17; Conservative
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Mus musculus
Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Musmmalia; Eutheria; Rodentia; Sciurognathi; Muridae, Murinae, Mus.
1 (bases 1 to 19)
Dunn, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Muse Whole genome scaffolding with paired end reads from 10kb
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0236C13F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                              1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0236 row: C column: 13
Seq primer: CGTTGTAAAACGACGCCAGT
class: plaemid ends
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University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwalot (gil 4732114 [gpl AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0255 row: G column: 11
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Seg primer: CACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Mus musculus
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Contact: Robert B. Weiss
University of Utah
University of Utah
Pm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." _{\rm A}
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Sukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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1M0266E03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0266E03 R, genomic survey sequence.
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                                                                                                                        1.5%; Score 17; DB 1; Length 19;
[00.0%; Pred. No. 16+02;
[ve 0; Mismatches 0; Indels
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Insert Length. 10000 Std Error: 0.00
Plate: 0.266 row: E column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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High quality sequence stop: 19.
Location/Qualifiers
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AZ460906.1 GI:10619031
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwalve? (gill 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid innerts
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/clone lib="Mouse 10%b plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                     Fred. No. 1e+02; Preds. No. 1e+02; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0286 cow: E column: 11
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC1M0286E11"
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                                                                                                        Query Match
Best Local Similarity 100.0
Matches 17, Conservative
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84112, USA
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Mus musculus
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Best Local Similarity
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 9 19 t
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1M0295F04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0295F04 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Sciurognathi; Muridae; Murinae; Mus.
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Insert Length: 10000 Std Error: 0.00
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Seq primer: CACAGGAAACAGCTATGACC
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00.0%; Pred. No.
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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clone="UUGC1M0295F04"
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Location/Qualifiers
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Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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AZ476576/c
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SOURCE

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWMD42 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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1M0315D21F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0315D21 F, genomic survey sequence.
AZ486786
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 1 0 c 0~\rm g
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacres, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Km. 308, Biomedical Polymers Research Bldg., 20
84112, USA
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100.0%; Pred. No. 100.0%; Pred. No. 100.0%; Pred. No. 100.00
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0315 row: D column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0315D21"
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Location/Qualifiers
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polynucleotide Kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNN42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Mus musculus
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Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., i. Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0323E17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0323E17 R, genomic survey sequence.
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musculus C57BL/6J (male) was obtained from the Jackso
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100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0323 row: E column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance. " 0 0 9 19 t
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Junn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/clome lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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University of Utah
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Pred. No. 1e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0350 row: B column: 04
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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Query Match
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Dunn, D., Aoyagi, A.)
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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84112, USA
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Class: plasmid ends
High quality sequence stop: 19.
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University of Utah Genome Center
University of Utah
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Mus musculus
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pw/2 (gi 14722114)[9] AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 0 t
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1M0388M11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0388M11 F, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends

    19
    organism="Mus musculus"

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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
I (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly
and Wright, D., Weiss, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
Unpublished
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1M0391D21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0391D21 F, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackso
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0391 row: D column: 21
Seq primer: CGTIGTAAAACGACGCCAGT
Class: plasmid ends
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Best Local Similarity 100.0%; Pred. No. 1e+
Matches 17; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGC1M0391D21"
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMap42 (gql/4732114/gpl/AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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1M0404C09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/note="Vector: FWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jack
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100.0%; Pred. No. 1e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0404 row: C column: 09
Seq primer: CACACAGGAAACAGCTATGACC
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0404C09"
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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1M0445P16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0445P16 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
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strain="C57BL/6J"
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adaptored vector DNA, and transformed into chemically-competent B. coli Xilo-Gold (Stratagene) cells and selected for ampicallin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., ISIam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G75BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
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Fax: 801 585 7177
Email: ddunn@gentics.utah.edu
Insert Length: 10000 Std Brox: 0.00
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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                    chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                         AZ631701
1M0486E01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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adaptored vector DNA, and transformed into
                                                                                                                    1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
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/db xref="taxon:1090"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Matches 17; Conservative
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Fax: 801 585 7177
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COMMENT

FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWaP42 (gil-#4732114|gp|AR129072.1); a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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84112, USA
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G73BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0489 row: H column: 15
Seq Primer: GGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/clone="UUGCIM0489H15"
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Best Local Similarity
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Mus musculus
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 0 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Longaore, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse, whole genome scaffolding with paired end reads from 10kb
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1M0507D18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0507 row: D column: 18
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Best Local Similarity 100.0%; Pred. No. 1e+
Matches 17; Conservative 0; Mismatches
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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strain="C57BL/6J"
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'clone="UUGCIM0507D18"
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COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMAQ2 (gil/4732114 |gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
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                                                                                                          1.5%; Score 17; DB 1; Length 1.2,
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0508 row: E column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                   0
                                                                                                                                                                       100.0%; Prec. ...
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0508E17"
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0
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hes 17; Conservative
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Mus musculus (house mouse)
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Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
1 (bases 2 to 19)
1 (bases 2 to 19)
1 (bases 3 to 19)
1 (bases 3 to 19)
1 (bases 3 to 19)
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1M0517L16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0517L16 F, genomic survey sequence.
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                                                                                                                                                                        Length 19;
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Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0517 row: L column: 16
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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100.0%; Pred. No. 1e+
ative 0; Mismatches
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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Location/Qualifiers
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Best Local Similarity 100.(
Matches 17, Conservative
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ORGANISM
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Wector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G1 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil #732114 gb] AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complamentary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

L Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ649888 14-DEC-2000 1M0519E15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0519E15 R, genomic survey sequence.
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
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Fax: 801 585 7177
Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Flate: 0519 row: E column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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/clone="UUGC1M0519E15"
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Mus musculus
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nes 17; Conserv
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AUTHORS
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                              1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0560 row: H column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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                                                                                                                                                               17; Conservative
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor or oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 0 \quad 0
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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1M0560E16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Unun,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/clome lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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0
                                                                                                                                                         Length 19;
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                                                                                                                                               Score 17; DB 1;
Pred. No. 1e+02;
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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Fax: 801 585 7177

Email: ddunn@sonetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0560 row: E column: 16
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100.0%; Pred
0; M
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/db_xref="taxon:10090"
/clone="UUGCIM0571L23"
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Mus musculus
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                                                                                                               Query Match
Best Local Similarity 100.(
Matches 17; Conservative
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ORGANISM
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Eukaryota, Metazoa, Chordata, Sciurognathi, Muridae, Murinae, Mus.

I (bases I to 19)
Dunn, D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                         AZ764534 linear GSS 16-FEB-200
1M0560P14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0560P14 R, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UUGCIM library."
/clone lib="Woctor: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Unpublished
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0
                                                                                                                    Length 19;
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                                                                                                               1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
ative 0; Mismatches 0
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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University of Utah Genome Center
University of Utah
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Best Local Similarity
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KEYWORDS
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWMD42 (gil4732114 gbl AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0571L23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic cone UUGC1M0571L23 R, genomic survey sequence.
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/clone_lib="Mouse 10kb plasmid UGCIM library"
/note="Wector: PWD4ZLY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0571 row: L column: 23
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Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
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/strain="CS7BL/6J"
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USA
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Matches 17;
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ORGANISM
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KEYWORDS
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Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
adaptored vector DNA, and transformed into chemically-competent E. coli Xil0-Gold (Stratagene) cells and selected for ampicillin resistance."

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smid UUGCLM library Mus musculus genomic
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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Twector: PMD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
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                                                                                                                           Query Match 1.5%; Score 17; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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Seg primer: CGTTGTAAAACGACGCCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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AUTHORS
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JOURNAL

COMMENT

TITLE

FEATURES

AZ778858

ð g KEYWORDS

SOURCE

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNADA2 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 0 0 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ779901
2M0016E16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0016E16 R, genomic survey sequence.
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                                                                                                                                                                                                                                Gaps
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                                                                                                                                                               Length 19;
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                                                                                                                                                        1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0016 row: E column: 16
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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us09904568-1.rst

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17; Conservative
                                                                                                                                                           Best Local Similarity
Matches 17; Conserv
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COMMENT
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2M0021003R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0021003 R, genomic survey sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longarce, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                             . Match 1.5%; Score 17; DB 1; Length 19; Local Similarity 100.0%; Pred. No. 1e+02; les 17; Conservative 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0021 row: O column: 03
Seq primer: CACACAGGAAAACAGCTAATGACC
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/clone="UUGCZM0021003"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
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DEFINITION
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Mus musculus (house mouse)

SM Mus musculus

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota, Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

E l(bases 1 to 19)

S Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly

AM, Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb

L Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center

University of Utah

Rm. 308, Bloomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

Malls.
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2M0034M12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0034M12 F, genomic survey sequence.
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G77BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0034 row: M column: 12
Seq primer: CGTTGTAAAACGACGCCAGT
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ORGANISM
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AZ789590/c
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musculus G57BL/G/ (male) was obtained from the Jackson
laboratory Mouse DNA Resources/documents/dnares/). The DNA
was blut-idaw.jax.org/resources/documents/dnares/). The DNA
was blunt end-repaired by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWN42 (gil 4742114|gb|AP129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 19 \quad t \quad 0
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Dunn,D., Aoyadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                            AZ788058
2M0034I24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0034I24 R, genomic survey sequence.
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                                                                                                                    Length 19;
                                                                                                                                                                 0; Indels
                                                                                                               1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
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/organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                            17; Conservative
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Fax: 801 585 7177
                                                                                                                                          Similarity
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWAQ2 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clome_11b="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
Insart Length: 10000 Std Brror: 0.00
Plate: 0037 row: G column: 06
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Seg primer: CACACAGGAAACAGCTATGACC
Tilles: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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84112, USA
Tel: 801 S85 5606
Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 19 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                                                          AZ/9Z/13
2M0045C22F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0045C22 F, genomic survey sequence.
AZ792713
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/clone lib="Mouse 10kb plasmid UUGCIM library."
/hote="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Best Local Similarity 100.0%; Pred. No. 16+02;
Matches 17; Conservative 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
Plate: 0045 row: C column: 22
Seq primer: GGTIGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gil#732114 |gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D.; Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0049C12R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0049C12 R, genomic survey sequence.
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84112, USA
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0049 row: C column: 12
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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12, USA
chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0060112R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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                                                                                                                                             DB 1; Length 19; 1e+02;
                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 717
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0060 row: I column: 12
Seq primer: CACAGAGAAACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 19.
                                                                                                                                          1.5%; Score 17; DB 100.0%; Pred. No. 1e+tive 0; Mismatches
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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'clone="UUGC2M0060112"
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Mus musculus
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                                                                                                                                                                Best Local Similarity 100.0
Matches 17; Conservative
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                                                                                                                                          Query Match
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AZ801970/c
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwM92 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Enkaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
1 (Bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                         1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 16+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Fax: 801 585 7177
Fax: 801 585 7177
Insert Length: 10000 Std Error: 0
Plate: 0.095 row: E column: 17
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/lab host="B. Coli strain XLI0-Gold, Tl-resistant, F-"
/lab host="B. Coli strain XLI0-Gold, Tl-resistant, F-"
/clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Twetor: FWD42nr, Purified genomic DNA from M.
musculus C57BL/6/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated by espeated DNA
was hydrodynamically sheared by repeated excess. The
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gfrom a derivative
of pMPA2 (gil H732114|gp|AR129072.1), a copy-number
inducible derivative of plasmid Rl. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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AZ841581
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Mus musculus (house mouse)
Mus musculus
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria, Rodentia; Sciurognathi; Muridae; Murinae; Mus.
(Dases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
1slam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                                                                                Length 19;
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Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: G column: 08
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Fax: 801 585 7177
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84112, USA
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AZ841581
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at conseant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWAPA2 (gil 4732114 gb AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 0
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0139A16R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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84112, USA
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/clone lib="Mouse 10kb plasmid UGGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G75BL/6J (male) was obtained from the Jackson
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                                                                                                                                1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C578L/6J"
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University of Utah Genome Center
University of Utah
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clone="UUGC2M0139A16"
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Location/Qualifiers
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Mus musculus
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2M0156J15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0156J15 F, genomic survey sequence.
adaptored vector DNA, and transformed into chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Wector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                        0; Indels
                                                                                                                Score 17; DB 1;
Pred. No. 1e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0156 row: J column: 15
Seg primer: CGTTGTARARGGGGGGGT
                                                                                                      1.5%; Scc. No. --
100.0%; Pred. No. --
... 0; Mismatches
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 19.
Location/Qualifiers
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clone="UUGC2M0156J15"
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Fax: 801 585 7177
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AUTHORS
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase as blunt end-repaired with T4 DNA polymerase and T4 polymerase digated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 |gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0168P10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0168P10 R, genomic survey sequence.
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/clone_lib="Mouse 10kb plasmid UNGCM library"
/note="Weetor: PWD42nr, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Pred. No. 1e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0168 row: P column: 10
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Fax: 801 585 7177
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Best Local S
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Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae, Murinae; Mus. L (bases 1 to 19).

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0193L10R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0193L10 R, genomic survey sequence.
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100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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clone="UUGC2M0193L10"
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Location/Qualifiers
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                                                                                                                                                           17; Conservative
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AZ936798
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TITLE

COMMENT

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(http://www.idax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 0 \quad 0
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/clone lib="Mouse 10kb plasmid UUGC2M library"

/note="Vector: FWD42Vr." Prifiled genomic DNA from M

musculus C57BL/60 (female) was obtained from the Jackson
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malam, M., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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2M0267E21F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0267E21 F, genomic survey sequence.
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100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Plate: 0267 row: E column: 21
Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
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/clOne="UUGC2N0267E21"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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BP Chicken Brain Library
Unpublished
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nes 17; Conserv
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/lab host="E. coli strain Xil0-Gold, Tl-resistant, F-"
/lone="Vector: PWD42iv; Purified genomic DNA from M.
/note="Vector: PWD42iv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resources (documents/dhares/). The DNA
was hydrodynamically sheared by repated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                    BH000498
2M028B121F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M028B121 F, genomic survey sequence.
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100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
Plate: 0288 row: I column: 21
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/strain="C57BL/64"
/db_xref="taxon:10090"
/clone="UUGC2M028B121"
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Mus musculus
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                                                                                                                                                                         17; Conservative
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Fax: 801 585 7177
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Best Local Similarity
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: frazer.murray@bbsrc.ac.uk
GCGGCCCGCTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                                                                                      Gaps
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100.0%; Pred. No. 1e+02;
Ive 0; Mismatches 0; Indels
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Pred. No. 1e+02;
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/mol_type="mRNA"
/db_xref="taxon:9031"
/clone="ROS059B11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin, Institute
Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 20)

Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins,M., Haltman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T., Gohellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M. Generation and analysis of 280,000 human expressed sequence tags
                                                                                              /tab_word lib="McGel" | Manual | Manual
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10679 20 bp mRNA linear EST 06-FEB-1995 photostrial Stratagene ovary (#937217) Homo sapiens cDNA clone (MAGE:77095 5' similar to contains L1 repetitive element, mRNA
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/lab_host="SOLR cells (kanamycin resistant)"
/clone_lib="Stratagene ovary (#937217)"
/note="Organ: ovary; Vector: Bluescript SK; Site 1: EcoRI; Site 2: XhoI; Cloned unidirectionally. Primer: Öligo dT. Total ovary tissue, normal, caucasian, Average insert size: 0.8 kb; Uni-ZAP KR Vector: ~5' adaptor sequence: 5' GAATICGGCACGAG 3' ~3' adaptor sequence: 5'
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Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                           Length 20;
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                       /mol_type="mRNA"
/db_xref="taxon:4754"
/lab_host="E.coli"
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T50579.1 GI:652439
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Saulian, A.C., Arnold, J., Weise, M., Wunderlich, J., Staben, C., Edman, J.C., Kovacs, J. and Cushion, M.
Expressed sequence tags from Pneumocystis carinii
                                                                                                                                                                                                                                                                                                                              Gallus gallus dallus betazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Butraryota; Metazoa; Chordathae; Galliformes; Phasianinae; Gallus.

1 (bases 1 to 20)
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
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839F5 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence.
AW34823
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Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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Location/Qualifiers
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BP Chicken Brain Library
Unpublished
  GI:13192761
                                                     Gallus gallus (chicken)
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Fax: 606 257 1717
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and selected for ampicillin resistance." 0 c 0 g 20 t
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Plate: 0063 row: K column: 10
Seg primer: CGTGTAAAACGACGGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Location/Qualifiers
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Mus musculus
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Westor: PWD4Znr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AFL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0009 row: M column: 20
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0009M20"
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Best Local Similarity 100.0
Matches 17, Conservative
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreals. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longare, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/clome_lib="Mouse_10kb plasmid UUGCIM library"
/note="Wector: PWD42ny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                      AZ341530
1M0073N21R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0073N21 R, genomic survey sequence.
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0; Indels
  and selected for ampicillin resistance." $^{\circ}
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0073 row: N column: 21
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0073N21"
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Mus musculus
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                           AZ341237
1M0073G03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0073G03 R, genomic survey sequence.
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and selected for ampicillin resistance."
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                                                                         / Match 1.5%; Score 17; DB Local Similarity 100.0%; Pred. No. 1etes 17; Conservative 0; Mismatches
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Seg primer: CACACAGGAAACAGCTATGACC
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'mol_type="genomic DNA"
'strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0073G03"
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Insert Length: 10000 Std Erro
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@genet
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from the Jackson

AZ343031

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KEYWORDS

VERSION

TITLE

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Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                              AZ343031 20 bp DNA linear GSS 29-SEP-2000 1M0076F13F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0076F13 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
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Local Similarity 100.0%; Pred. No. 1e+02;
es 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 d t
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University of Urah Genome Center
University of Utah
Rm. 309, Biomedical Polymers Research Bldg., 20
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0076 row: F column: 13
Seq primer: GGTGTAAAAGGACGGCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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clone="UUGC1M0076F13"
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished
                       20 a
                                                                      Query Match
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                       SASE COUNT
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FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Pm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                           Gaps
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                                                                                                1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: G column: 17
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0080G17"
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74

Page

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Gaps .,

Length 20;

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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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/clone_lib="Mouse 10kb plasmid UTGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculuus G79BL/6J (male) was obtained from the Jackson
      and selected for ampicillin resistance." 0 c 0 g 0 t
                                                                                             Query Match 1.5%; Score 17; DB 1; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches C
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High quality sequence stop: 20. Location/Qualifiers
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/strain="C57BL/6J"
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Fax: 801 585 7177
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20 bp DNA linear GSS 29-SEP-2000 clone UUGCIM0089B18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0089B18 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Wen. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus (house mouse)
Mus musculus
Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Bukaryota,
I (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Stokes, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                      Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0089 row: B column: 18
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genet
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FEATURES

REFERENCE AUTHORS

TITLE

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/sex="Male"
                                                   Query Match
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Fax: 801 585 7177
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musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                              1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
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and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0120 row: O column: 24
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
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University of Utah Genome Center
University of Utah
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рі
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Fax: 801 585 7177
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: PWD4Znv; Purified genomic DNA from M.
musculus G75BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (qil 4792114 [dp] AFL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacrer, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                AZ370699 20 bp DNA linear GSS 02-OCT-200 IM0121N17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0121N17 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0
Plate: 0121 row: N column: 17
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gij473214] gb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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100.0%; Pred. No. 1e+02;
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and selected for ampicillin resistance." 0 0 0 t
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Insert Length: 10000 Std Error: 0. Plate: 0161 row: K column: 02
Seq primer: GGTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Mus musculus
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Fax: 801 585 7177
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                 1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
and selected for ampicillin resistance." 2 c 0 q 18 t
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Fax: 801 585 7177
Email: duun@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0145 row. C column: 11
Seg primer: CACACAGGAAACAGTATGACC
Class: plasmid ends
High quality sequence stop: 20.
                                                                                                            1 Similarity 100.0%; Pred. No. 1e+
17; Conservative 0; Mismatches
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/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0145C11"
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University of Utah Genome Center
University of Utah
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Mus musculus
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84112, USA
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 20)
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Dlann, L., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
JM., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
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                                                                     1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0236 row: B column: 11
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Class: plasmid ends
High quality sequence stop: 20.
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|strain="C57BL/6"
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University of Utah Genome Center
University of Utah
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Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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muscular C. Muse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored vector ENA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Unun,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
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84112, USA
84112, USA
Fax: 801 585 5006
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Finsert Length: 1000 Std Error: 0.00
Flate: 0272 row: 0 column: 06
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/note="Vector: PWD42Iv; Purified genomic DNA from M.
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                                                                                          1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
and selected for ampicillin resistance."

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    /organism="Mus musculus"

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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Matches 17; Conservative
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and selected for ampicillin resistance."
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Insert.bength: 10000 Std Error:
Plate: 0300 row: P column: 01
Seg primer: CGTTGTAAAACGACGGCCAGT
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/organism="Mus musculus"
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AZ479464/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                 1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0297 row: E column: 23
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 20.
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Fax: 801 585 7177
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/sex="Male"
// Jab host="E. Coli strain Xilo-Gold, Tl-resistant, F-"
// Clone lib="Mouse 10kb plasmid UUGCIM library"
// Clone lib="Mouse 10kb plasmid UUGCIM library"
// note="Weetor: PWD4Zuv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi |4732114|gb|AP129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Wm. Yersity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
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1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
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Mus musculus (house mouse)
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KEYWORDS
SOURCE
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                                                                                                                                                                                                                                                                                                                                          AZ498625 20 DDA linear GSS 05-OCT-2000 1M0336E05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0336E05 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Weinsity Of Utah
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                         Gaps
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                                                                   th 1.5%; Score 17; DB 1; Length 20; Similarity 100.0%; Pred. No. 1e+02; 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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T.enath: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/strain="C57BL/6J"
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'clone="UUGC1M0336E05"
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Mus musculus
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Plate: 0336 row: E
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Fax: 801 585 7177
                                                                                               Local Similarity
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                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                     AZ498625/c
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                       SASE COUNT
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KEYWORDS
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COMMENT

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/sca="male" | /sca= | 
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Mammalia; Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 20)

10 (bases 1 to 20)

11 (bases 1 to 20)

12 (bases 1 to 20)

13 (bases 1 to 20)

14 (bases 1 to 20)

15 (bases 1 to 20)

16 (bases 1 to 20)

17 (bases 1 to 20)

18 (bases 1 to 20)
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84112, USA
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1.5%; Score 17; DB 1; Length -
Pred. No. 1e+02;
0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunmagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0361 row: E column: 11
Seq primer: CACACAGGAAACAGCTAATGACC
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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/clone="UUGC1M0361E11"
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High quality sequence stop: 20.
Location/Qualifiers
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Eukaryota; Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (Dases 1 to 20)

Sunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Waiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah Genome Center
University biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                                                                                                                                                                                           1M0369P15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0369P15 R, genomic survey sequence.
AZS81208
4ZS81208.1 GI:11695991
GSS.
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0
                                                                               1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0
Plate: 0369 row: P column: 15
Seg primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence gtop: 20.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0369P15"
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Mus musculus
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                           Best Local Similarity 100.
Matches 17; Conservative
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                                                                                      Query Match
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                              SASE COUNT
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AUTHORS
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G77BL/6U (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                                0;
                                                                               1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunmgenetics.utah.edu
Insart Length: 10000 Std Brror: 0.00
Plate: 0363 row: F column: 11
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/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 309, Biomedical Polymers Rese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 20.
Location/Qualifiers
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/clone="UUGC1M0363F11"
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                                                                                                                                             17; Conservative
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                                                                                                              Best Local Similarity
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                           20 a
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                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                  RESULT 162
AZ579178
                           BASE COUNT
                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                        DEFINITION
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COMMENT
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KEYWORDS
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20 a
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DEFINITION
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                           BASE COUNT
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COMMENT
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20
                                                                    1.5%; Score 17; DB 1;
llarity 100.0%; Pred. No. 1e+02;
Conservative 0; Mismatches C
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Insert Length: 10000 Std Error: 0.00
Plate: 0396 row: A column: 13
Seq primer: GTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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'mol_type="genomic DNA"
'strain="C57BL/6J"
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'clone="UUGC1M0396A13"
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Mus musculus
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Fax: 801 585 7177
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REFERENCE AUTHORS

KEYWORDS

VERSION

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SM Mus musculus

Bukaryota; Matazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

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S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss
University of Utah Genome Center
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84112, USA
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
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                                                                                                                                             Length 20;
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0429 row: A column: 14
Seg primer: CACACAGGAAACAGTATGACC
Class: plasmid ends
High quality sequence stop: 20.
                                                                                                                              1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches C
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/strain="C57BL/6J"
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Matches 17; Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR129702.1) a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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In Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (2020)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Twetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                  Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
    and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0460 row: K column: 05
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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                                                     BASE COUNT
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The Bharas hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The Bharas blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Wen. 309, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                    AZ638704 100498E13R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0498E13 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                           Length 20;
and selected for ampicillin resistance."
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                                                                      1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
Plate: 0498 row: E column: 13
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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"mol type="genomic DNA"
'strain="C57BL/6J"
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clone="UUGC1M0498E13"
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The Bheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified an high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Manmalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 20)

Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Tvector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                 1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0507 row: D column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
                                                                                                                                      Best Local Similarity 100.0%; Pred. No. 1e+
Matches 17; Conservative 0; Mismatches
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreais. Vector DNA was prepared from a derivative of pWD42 (gi|473214 gb)|A129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly,
A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                               1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
              and selected for ampicillin resistance." 1 c 0 g 19 t
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Insert Length: 10000 Std Error: 0.00
Plate: 0511 row: D column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                                                                                                               1084 AAAAAAAAAAAAA 1100
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                                                                                                                                                       17; Conservative
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Fax: 801 585 7177
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84112, USA
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                               AZ645312 20 bp DNA linear GSS 14-DEC-200 1M0510K11R Mouse 10kb plasmid UUGCIM library Mus musculus genomic CODE UUGCIM0510K11 R, genomic survey sequence.
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
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and selected for ampicillin resistance."
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Fax: 801 585 777
Fax: 801 585 7177
Fax: 801 585 7177
Fax: 1 ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0510 row: K column: 11
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/clone="UUGCIM0510K11"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                             AZ650271 20 bp DNA linear GSS 14-DEC-200 1M0520C21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0520C21 F, genomic survey sequence.
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                                                                                                                               Gaps
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                                                                      / Match 1.5%; Score 17; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1e+02; nes 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." of 0\ \mbox{c}
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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Fax: 801 585 7177
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ760838 16-FEB-200 LONA linear GSS 16-FEB-200 1M0554A24R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0554A24 R, genomic survey sequence.
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42II"; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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84112, USA
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                                                                                                   / Match 1.5%; Score 17; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1e+02; los 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/clone="UUGCIM0554A24"
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were lighted to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreals. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129102.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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AZ765211
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGC1M library"
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musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
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   and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.
Plate: 0562 row: H column: 04
Seq primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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    .20
    /organism="Mus musculus"

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Matches 17; Conservative
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Fax: 801 585 7177
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1 (bases 2 to 2
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100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 g 0 t
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Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: M column: 02
Seq primer: CACACAGGAAACAGCTATGACC
class: plasmid ends
High quality sequence stop: 20.
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/strain="C57BL/60"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0560M02"
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                          Best Local Similarity 100.0
Matches 17; Conservative
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Mus musculus
                                                                                                  Best Local Similarity
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0574A13R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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musculus G57BL/6J (male) was obtained from the Jackson
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and selected for ampicillin resistance." 0 c 0 g 20 t
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
linsert Length: 10000 Std Error: 0.00
Plate: 0574 xow: A column: 13
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/strain="C57BL/6J"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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High quality sequence stop: 20.
Location/Qualifiers
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Mus musculus
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ORGANISM
                    SASE COUNT
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FEATURES

KEYWORDS

TITLE

VERSION

ДD

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified asize-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plannid inserts
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Laboratory Mouse_DNA_RESOURCE
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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1.5%; Score 17; DB 1; Lengtu ...
1. Pred. No. 1e+02;
1. Pred. No. 1e+02;
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0015 row: M column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                               100.0%; Pred. No. 1e+
tive 0; Mismatches
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/organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified molar excess. The adaptored DNA was purified agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF12972.1), a copy-number ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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20 bp DNA linear GSS 16-FEB-2001
2M0046C16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0046C16 R, genomic survey sequence.
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Mus musculus
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
,M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
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Laboratory Mouse DNA Resource
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                                                                                   11.5%; Score 17; DB 1; Length 20;
00.0%; Pred. No. 1e+02;
ve 0; Mismatches 0; Indels
     and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunm@emetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0046 row: C column: 16
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ive 0; Mismatches
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High quality sequence stop: 20.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1e+02;
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and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0
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Seq primer: GGTTGTAAAAGGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                               Query Match
Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@geneti
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Contact: Robert B. Weiss
University of Utah
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                        AZ798529 20 bp DNA linear GSS 16-FEB-2001
2M0055G19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Dunn, D., Aoyagi, A.)
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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and selected for ampicillin resistance."
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Plate: 0055 row: G column: 19
Seg primer: CGTYGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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TITLE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.065 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to chamically commerced to the contract of the sheared, adaptored mouse DNA was annealed to chamically commerced to the contract of 
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Mesnen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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University of Utah Genome Center
University of Utah
Winiversity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 0 _{\odot} 20 t
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Insert Length: 1000 Std Error: 0.00
Plate: 0066 row: L column: 14
Seg primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreasis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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2M0068C15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0068C15 R, genomic survey sequence.
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Dunn, Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weise, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                   1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
        and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0
Plate: 0068 row: C column: 15
Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@genet
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KEYWORDS
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E I (bases 1 to 20)

S Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/note="Woctor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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100.0%; Pred. No. 1e+02;
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and selected for ampicillin resistance." _{\rm 0} c _{\rm 0} g _{\rm 0} t
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0068 row: C column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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                                   BASE COUNT
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AUTHORS
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Gaps

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/sex="Male" user.zmov.noizo.
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/clone_lib="Mouse lokp plasmid UGCIM librara.
/clone_lib="Wouse lokp plasmid UGCIM librara.
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified an disize-selected for a 9.5 to
10.5 kb range using preparative agarose gal
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
University of Utah
Wei. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
184112, USA
Tel: 801 S85 5705
Fax: 801 S85 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                   AZ810986 20 bp DNA linear GSS 20-FEB-2001 2M0076120R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                           1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
               and selected for ampicillin resistance."
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Seq primer: CACACAGGAAACAGCTATGACC

    .20
    organism="Mus musculus"

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High quality sequence stop: 20.
Location/Qualifiers
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AZ810986.1 GI:12978793
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                               Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 16+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Seq primer: CGTTCTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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Insert Length: 10000 Std Erro
Plate: 0073 row: D column: 15
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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                           20 a
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                           BASE COUNT
                                                                                                                                                                                                                                                                                                                                                RESULT 184
AZ809306
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreals. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared molecule with adaptored vector DNA, and transformed into adaptored vector DNA, and transformed into adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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2M0086C20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0086C20 R, genomic survey sequence.
AZ817323. GI:12987327
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                   Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
   and selected for ampicillin resistance." 0 c 0 g 0 t
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Insert Length: 10000 Std Error: 0.0
Plate: 0086 row: C column: 20
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers

    .20
    /organism="Mus musculus"

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Fax: 801 585 7177
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84112, USA
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AZ817323
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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2M0081F21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0081F21 F, genomic survey sequence.
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1 (bases 1 to 20)
2 (bases 1 to 20)
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                       Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100:0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 g 0 t
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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SOURCE
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                               BASE COUNT
                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 186
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VERSION
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AUTHORS
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
Rm. 308, 585 506
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0086 row: J column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                   AZM17467 CSS 20-FEB-2001 CM0086J15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCZM0086J15 R, genomic survey sequence.
AZ817467
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., 181am,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                     Gaps
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                                                                                     Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
   and selected for ampicillin resistance." 0 c 0 g 0 t
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/clone="UUGC2M0086J15"
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Mus musculus
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AZ817467
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                               SASE COUNT
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/ Jab host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/ Glone lib="Whouse 10kp plasmid UNGCIM library."
// Jab host="Vector: PWALINY; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWM42 (gi|4732114|gb]APL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Unpublished
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                                                                                  Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 16+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0086 row: K column: 08
Seq primer: CACAAGAAAACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/db_xref="taxon:10090"
/clone="UUGC2M0086K08"
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University of Utah Genome Center
University of Utah
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20 bp DNA linear GSS 20-FEB-2001 2M0087B23R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0087B23 R, genomic survey sequence.
AZ818055.1 GI:12987963
ASS.
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn,D., Aoyagis I to 20)

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                             Gaps
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                                                            Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0087 Tow: B column: 23
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                         20 t

    .20
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Mus musculus
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Fax: 801 585 7177
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2M0087K08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
200ne UUGCZM0087K08 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Menen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                            1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunmgemetics.utah.edu
Insart Length: 10000 Std Error: 0.00
Plate: 0087 row: K column: 08
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Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
84112, USA
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'strain="C57BL/6J"
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clone="UUGC2M0087K08"
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Mus musculus
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                     20 a
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AUTHORS
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Gaps

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Mus musculus (house mouse)

SM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

E 1 (bases 1 to 20)

S Dunn,D., Aoyagi.A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center
University of Utah Genome Center
University of Utah

RM: 308 Elomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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100.0%; Pred. No. 1e+02;
Ive 0; Mismatches 0; Indels
         and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0089 row: M column: 05
Seg primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
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tive 0; Mismatches
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Matches 17; Conservative
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Fax: 801 585 7177
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84112, USA
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                            Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 2 g l t
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Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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/mol_type="genomic DNA"
/strain="C57BL/60"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0088K01"
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Mus musculus
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/clone lib="Mouse lOkb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M musculus C57BL/64 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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       and selected for ampicillin resistance." 2\ c \ 0\ g \ 0\ t
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Insert Length: 10000 Std Error: 0.0
Plate: 0132 row: K column: 13
Seg primer: CRCACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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1.5%; Score 17; DB
Best Local Similarity 100.0%; Pred. No. 1e+
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Mus musculus
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Fax: 801 585 7177
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2M0094D20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0094D20 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Nm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@epertics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0094 row: D column: 20
Seq primer: CACAAGAAACAGGAAACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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/db xref="taxon:10090"
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Mus musculus (house mouse)
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                AZ841342
2M0139H16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/note="Toctor: FWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                      Gaps
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                                                                    Length 20;
and selected for ampicillin resistance." 0 c 0 c 0 t
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Fax: 801 585 7177
Famil: ddunn@enetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: H column: 16
Seq primar: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
                                                                  DB 1;
1e+02;
                                                                Query Match 1.5%; Score 17; DB Best Local Similarity 100.0%; Pred. No. 1e+Matches 17; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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clone="UUGC2M0139H16"
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
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hadozenoly mouse DNA Resource (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (qi|432.114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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2M0139A10R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0139A10 R, genomic survey sequence.
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                             1.5%; Score 17; DB 1; Length 20;
.00.0%; Pred. No. 1e+02;
.ve 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177

Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0139 row: A column: 10
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 20.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreasis. Vector DNA was prepared from a derivative of pwD42 (gi/4732114/gb/AR12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                    Score 17; DB 1; Length 20;
Pred. No. 1e+02;
0; Mismatches 0; Indels
           and selected for ampicillin resistance." 0 c 0 g 0 t
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                                                                      1.5%; Scc.
100.0%; Pred. No. --
0; Mismatches
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Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                              Query Match
Best Local Similarity 100.0
Matches 17, Conservative
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Fax: 801 585 7177
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AZ936914
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musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 k range using preparative agarose gel
electrophoresis Vector DNA was prepared from a derivative
of PWD42 (gi|4732114)gb|APL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                      1.5%; Score 17; DB 1; Length 20; 100.0%; Pred. No. 1e+02; ve 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Plate: 0163 row: O column: 03
Seq primer: CGTTGTAAAACGACGGCCAGT
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 20.
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clone="UUGC2M0163003"
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                           AZ949180 20 bp DNA linear GSS 27-APR-2001 2M0212102R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0212102 R, genomic survey sequence.
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Dunn, D., Aoyad; A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                       ch 1.5%; Score 17; DB 1; Length 20; Similarity 100.0%; Pred. No. 1e+02; 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0212 row: I column: 02
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Seg primer: CACACAGGAAACAGCTATGACC
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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High quality sequence stop: 20.
Location/Qualifiers
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/clone="UUGC2M0212102"
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Mus musculus
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Fax: 801 585 7177
                                                                                                  Local Similarity
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SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative electrophoresis.
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2M0233JO1F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0233JO1 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Clone lib="Mouse 10kb plasmid UUGC2M library"

/note="Woctor: PMC4Tav; Purified genomic DNA from M

musculus C57BL/60 (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Blommedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0233 row: J column: 01
Seq primer: GGTGTAAAAGGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0233J01"
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Mus musculus
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
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/db_xref="mRNA"
/db_xref="mRNA"
/do_tope="mRNA"
/clone="mRofollo"
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/lab_host="mhnow"
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1 a 0 0 9 19 t 1 others
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1M0085A13F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0085A13 F, genomic survey sequence.
                                                      Email: frazer.murray@bbsrc.ac.uk
GCGCCCGCTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
(*6854-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
Lases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                                                                                            organism="Gallus gallus"
       Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
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/clone="UUGC1M0085A13"
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DKFZp566N053_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone
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AL048777.1 GI:4727848
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AL587702 BP Chicken Brain Library Gallus gallus cDNA clone
ROSGOBHO9, MRNA sequence.
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I (bases I to 21)
Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S. EST (Koehrer, et al.)
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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    Location/Qualifiers
                                           ch 1.5%; Score 17; DB 1; Length 20; l Similarity 100.0%; Pred. No. 1e+02; 17; Conservative 0; Mismatches 0; Indels
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and selected for ampicillin resistance." 0 c 0 g 20 t
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Dept. Genomics and Bioinformatics
Roslin Institute
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MIPS
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Murray, F.
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                                             Query Match
Best Local Similarity
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from the Jackson

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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Unouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0145016R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0145016 R, genomic survey sequence.
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      /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse lokb plasmid UUGCIM library" /note="Vector: PMD42nv, Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.5%; Score 17; DB 1; Le
100.0%; Pred. No. 1.1e+02;
ative 0; Mismatches 0;
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Insert Length: 1000 Std Error: 0.00
Plate: 0145 row: 0 column: 16
Seg primer: CAOACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
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                                                                                                                                        (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwaye2 (gil 4772114|gb|AR129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Dunn, D., Aoyad; A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
/lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0088 row: C column: 14
Seq primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0088C14"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@qenet
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Fax: 801 585 7177
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/lab.host="E. Coli strain XI10-Gold, T1-resistant, F-"
/lab.host="E. Coli strain XI10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: FWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/Goruments/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored bNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1) a copy-number inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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1M0145022R Mouse 10kb plasmid UUGClM library Mus musculus genomic
clone UUGClM0145022 R, genomic survey sequence.
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Dunn,D., Aoyagia,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std Error: 0.00
Plate: 0145 row: O column: 22
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Fax: 801 585 7177
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| Alab hose; Cols retain XIII-Gold, T1-resistant, F- Alone | Alab hose; Cols retain XIII-Gold, T1-resistant, F- Alone | Alone
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gl |4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Juval, B., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Aoyagi, Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mand Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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University of Utah Genome Center
University of Utah
Rm. 1983; blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
   /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_l0kb plasmid UUGCIM library"
/note="Twetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6U (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Local Similarity 100.0%; Pred. No. 1.1e+02;
Les 17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Fax: 801 585 7177
Insart: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0176 row: E column: 24
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/clone="UUGC1M0176E24"
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AZ406936.1 GI:10530949
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1 (bases 1 to 21)
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1M0150B10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0150B10 R, genomic survey sequence.
/lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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strain="c57BL/61"
/db_xref="taxon:10090"
/clone="UUGCIMO150B10"
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Contact: Robert B. Weiss
University of Utah Genome Center
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84112, USA
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L Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
101 S85 5606
Fax: 801 S85 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0186 row: N column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Lich Anders C
                                                                                                                                                                  Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/duarce/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligomiclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10.Gold (Stratagene) cells and selected for ampicillin resistance."
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AZ412931. GI:10536944
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                /lab_host="E. Coli strain XLJO-Gold, Tl-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCNM library"/note="Weetor: PWD4zny, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/Lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/Lab host="E. Coli strain XL10-Gold, T1-resistant,
/Lab mouse 10kb plasmid UUGCIM library"
/note="WetCor: PWD42nv; Purified genomic DNA from M.
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polymuclectide kinase. Adaptor oligonuclectides were
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10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gil H732114)[pl]AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Tel: 801 585 5606
Fax: 801 585 7177
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1 (bases 2 to 21)

1 (bases 3 to 21)

1 (bases 3 to 3)

1 (bases 4 to 3)

1 (bases 5 to 4)

1 (bases 5 to 4)

1 (bases 6 to 4)
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Insert Length: 10000 Std Error: 0.00
Plate: 0186 row: D column: 23
Seg primer: GTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/organism="Mus musculus
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/clone="UUGC1M0267B23"
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Fax: 801 585 7177
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                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innext adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Weiss B. Siomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malan, M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
/lab_host="E. Col; strain XL10-Gold, T1-resistant, F-"
/clome lib="Mouse lokb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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Mus musculus
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nr; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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lectrophoresis vector DNA was prepared from a derivative
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Winpublished Contact: Robert B. Weiss
University of Urah Genome Center
University of Urah

Man. 308, Binmedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
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Insert Length: 10000 Std Error: 0.00
Plate: 0267 row: B column: 23
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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Entraryota; Matazoa; Chordata; Craniata; Vertebrata; Enteleostomi; Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Enteleostomi; Mammaliai; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 15 1 [Dases 1 to 21]

Sunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Iongacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Grees,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R. Tingey,A., von Urderring, Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
Wm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
/lab.host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab.host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Wouse 10kb plasmid UUGCIM library"
/note=="Vector: PWD42nr; Purified genomic DNA from M.
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electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AT129072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0436 row: N column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/organism="Mus musculus"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0436N02"
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Fax: 801 585 7177
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84112, USA
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AZ611116
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   /lab host="E. Coli strain XI10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by locative. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gree
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gqi H792114|gpl AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Joses 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
A., Rose, M., Rose, R.; Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.5%; Score 17; DB 1; Length 21; 100.0%; Pred. No. 1.1e+02;
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0276 row: F column: 07
Seq primer: CGTIGTAAAACGACGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGC1M0276F07"
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Location/Qualifiers
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Matches 17; Conservative
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AUTHORS
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/lab.host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab.host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Moouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
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of pWD42 (gil 4722114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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S. Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Al Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah Johnmare Research Bldg., 20 S. 2030 E., SLC, UT
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1M0444M19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0444M19 R, genomic survey sequence.
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84112, USA
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers

    .21
    /organism="Mus musculus"

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/strain="C57BL/6J"
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/clone="UUGC1M0444M19"
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Wouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4722114|gp|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xii.0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Mus musculus

Muscarota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 21)

1 (bases 2 to 21)

2 
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0437 row: E column: 12
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Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Contact: Robert B. Weiss
University of Utah Genome Center
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AZ611423.1 GI:11733613
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AUTHORS
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/Bab. maie.
/ Jab host="E. Coli strain XI10-Gold, T1-resistant, F-"
/ clone lib="Mouse 10kb plasmid UUGCMN library"
/ clone lib="Mouse 10kb plasmid UUGCMN library"
/ note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/61 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources (documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by respected passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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adaptored DNA was purified and size-selected for a 9.5 to
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of pWD42 (gi|4732114|gp|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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10. (bases 1 to 21)

11. (bases 1 to 21)

12. (bases 1 to 21)

13. (bases 1 to 21)

14. (bases 1 to 21)

15. (bases 1 to 21)

16. (bases 2)

17. (bases 2)

18. (bases 2)

18. (bases 2)

18. (bases 3)

18. (bases 4)

18. (bases 4)
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Insert Length: 10000 Std Error: 0.00
Plate: 0474 row: G column: 11
Seg primer: CGTTGTAAAACGACGGCCAGT
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/db_xref="taxon:10090"
/clone="UUGC1M0474G11"
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Fax: 801 585 7177
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                             /done lib-wouse loke plasmid UUGCIM library"
/done lib-wouse loke plasmid UUGCIM library"
/note="Voctor: PWD42nv; Purified genomic DNA from M.
musculus G77BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonicleotides were
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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Insert Length: 10000 Std Error:
Plate: 0474 row: H column: 03
Stay: primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0474H03"
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Fax: 801 585 7177
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                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli Xilo-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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21 bp DNA linear GSS 14-DEC-200 MD534B07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0534B07 F, genomic survey sequence.
AZ657727
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD4Zny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                      Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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Seg primer: CGTYGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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/strain="C57BL/60"
/db_xref="taxon:10090"
/clone="UUGC1M0534B07"
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Location/Qualifiers
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Monse_10kb_plasmid_UUGCIM_library"
/note="Tvector: PWD42rry, Purified genomic DNA from M.
musculus C57BL/GU (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated gassage through a
0.005 inch orifica at constant velocity. The sheared DNA
was bydrodynamically sheared by repeated by sheared by a polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gol.
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
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/strain="C57BL/6J"
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/clone="UUGC1M0564011"
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Fax: 801 585 7177
Email: ddunn@qenet
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/moi_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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Matches 17; Conservative
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                                                                                          Inductible Cylon Water Day Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMADA2 (gif 4732114 gb AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XLLO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Bahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone_lib="Mouse_lokb plasmid UGCIM library"
/note="Wector: PWD42Lv; Purified genomic_DNA_from M.
musculus C57BL/6J (Male) was obtained from the Jackson
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l Similarity 100.0%; Pred. No. 1.1e+02;
17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error:
Plate: 0571 row: L column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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Best Local Similarity
Matches 17; Conserva
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114[gb]AF129072.1); a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XIIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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2N0045M12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCZM0045M12 F, genomic survey sequence.
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0045 row: M column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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Thu Jan

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musculus_G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA_Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerses and T4
polynuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces gel
electrophoresis. Vector DNA was prepared from a derivative
of pWDA/P(1772114|gpl/AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
A., Rose, M., Rose, R.,
And Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
Dlasmid inserts
Unpublished
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2M0056C09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0056C09 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0056 row: C column: 09
Seq primer: CACAAAGAAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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                                                                                                                                                          Imusculus .../bu/bu/ (male) was optained from the Jackson Imusculus .../bu/bu/ (male) was Paseource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi [4732114]gb]AF123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
The Contact C
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Wakaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia; Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 21)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                     /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_10kb plasmid UTGCIM_library"
/note="Vector: PWD42tv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Brror: 0.00
Plate: 0046 row: G column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
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Fax: 801 585 7177
Email: ddunn@genet
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/lab.host="E. Coli strain Xil0-Gold, Tl-resistant, F-"
/lab.host="E. Coli strain Xil0-Gold, Tl-resistant, F-"
/lone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/GU (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AR129072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177

Email: ddunngenetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0074 row: E column: 19

Seq primer: CGTTGTAAAACGACGGCCAGT
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/mol_type="genomic DNA"
/strain="C57BL/63"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/clone="UUGC2M0074E19"
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Location/Qualifiers
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Mus musculus
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/lab host="B. Coli strain Xil0-Gold, Tl-resistant, F-"
/clome lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources (documents /note).
(http://www.jax.corg/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
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of pWD42 (gil #4732114/gpl AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Musukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 21)
1 (bases 1 to 21)
2 (banda, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Engare, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
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100.0%; Pred. No. 1.1e+02;
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Uppublished
Contact: Robert B. Weiss
University of Utah
Thiversity of Utah
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
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Plate: 0112 row: P column: 20 Seg primer: CGTGTAAAACGACGGCCAGT Class: plasmid ends
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Location/Qualifiers
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Wouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hult end repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil #772114[gb]AF125072.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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12, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly and Wright, D., Weise, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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AZ819181.1 GI:12989089
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les 17; Conservative
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/loce="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
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electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gri | 4732114| gpl AF129072.1), a copy-number
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adaptored vector DNA, and transformed into
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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RUKARYOCA; METAZOA; Chordata; Craniata; Vertebrata; Buteleostomi;

Rukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Rammalia; Butheria; Rodentia; Sciurognathi; Muridae; Musin 1 (Dases 1 to 21)

S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., V., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse, Whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
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2M0112P20F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0112P20 F, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
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0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by molar excess. The
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ligated to the blunt ends in high molar excess. The
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electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (grif 4732114 [pp] AR129072.1); a copy-number
inducible derivative of plasmid Rl. The vector was ligated
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and selected for ampicillin resistance."
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(Dases 1 to 21)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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2M0203K21R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0203K21 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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Fax: 801 585 7177
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nes 17; Conserv
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                                                                                                                                          (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was binnt end-repaired with T4 DNA polymerase and T4 polymucleotide Kinase. Adaptor oligomucleotides were ligated to the binnt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi/4732114) [gb] ART29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xiio-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dun, D., Aoyad; A.) Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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100.0%; Pred. No. 1.1e+02;
trive 0; Mismatches 0;
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Insert Length: 10000 Std Exror: 0.00
Plate: 0142 row: I columm: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers

    .21
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/mol_type="genomic DNA"
/strain="C57BL/6J"

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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0142I06"
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Best Local Similarity 100.
Matches 17; Conservative
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Fax: 801 585 7177
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AZ843603
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/db_xref="taxon:10090"
/clone="UUGC2M0288020"
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       /lab host="E" coli strain XL10-Gold, T1-resistant, F-"
/lab host="E" coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Menuse 10kb plasmid UUGC2M library"
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musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
/http://www.iax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifica at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The Vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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2M0228A01F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0228A01 F, genomic survey sequence.
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Mus musculus

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurconathi; Muridae; Murinae; Mus.

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

M., Rose, M., Rose, R., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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100.0%; Pred. No. 1.1e+02;
Live 0; Mismatches 0;
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Fax: 801 585 717
Fax: 801 585 717
Fmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0228 row: A column: 01
Seq primer: CGTYCAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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sex="Female"
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Matches 17; Conservative
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84112, USA
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COMMENT
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/lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. coli strain UVGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M
musculus G57BL/60/ female) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces get electrophoresis. Vector DNA was prepared from a derivative
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inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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2M0288020R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0288020 R, genomic survey sequence.
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bunania; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longace, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
Unpublished.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0288 row: 0 column: 20
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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tive 0; Mismatches
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Gaps

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AM332399 22 bp mRNA linear EST 31-JAN-2000
SBA2 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence.
AW332399
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/db xref="taxon:4754"
/ldb xref="taxon:4754"
/ldb xref="taxon:4754"
/ldb host="B.coli"
/clone_lib="x65-1"
P. carini organisms (3x10e) from a single rat (99-1-6, 5acrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard conditions described by vendor, Stratagene. Further details see www.uky.edu/Project/Pneumocystis/"

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1M0017N14F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0017N14 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Staben C
School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
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bukaryots; kungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidacaae; Pneumocystis.
1 (bases 1 to 22)
Smulian,A.6., Arnold,J., Weise,M., Wunderlich,J., S.J.C., Kovacs,J. and Cushion,M.
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               Pred. No. 1.1e+02; ; Mismatches 0;
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.00.0%; Pred. No. 1.1e+02;
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100.08; Pit
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Best Local Similarity 100.4
Matches 17; Conservative
                                       Conservative
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Tel: 606 257 2161
Fax: 606 257 1717
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               Best Local Similarity
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AW332399/c
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                                                                                                     Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 k range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Preumocystis carinii
Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidacea; Pneumocystis.

1 (bases 1 to 22)
Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., Staben,C., Edman X.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
                        /lab host="E. coli strain XLIO-Gold, Tl-resistant, F-" /clone_lib="Mouse_10kb plasmid UUGC2M library" /note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (female) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Staben C
School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AW332181 22 bp mRNA linear BST S5C7 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence. AW332181
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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/db_xref="taxon:4754"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: staben@pop.uky.edu.
Location/Qualifiers
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Tel: 606 257 2161
Fax: 606 257 1717
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Gaps

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Mouse whole genome scaffolding with paired end reads from 10kb
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /clone="UUGC1M0018D18"
                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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                          plasmid inserts
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AUTHORS
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Monuse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dhrup: Jackson
(http://www.jax.org/resources/documents/dhrups/jax.org/resources/documents/dhrups/jax.org/resources/documents/htms/jax.org/resources/documents/htms/jax.org/resources/documents/htms/jax.org/resources/DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt enda-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gif 4732114 gb) AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xii0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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AZ310066
GSS.
                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. versity of Utah
84112, USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases I to 2)
Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0017 row: N column: 14
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/strain="C57BL/6J"
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
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TITLE
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|qb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                    Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
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AZ351527
GSS 29-SEP-200
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
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[00.0%; Pred. No. 1.1e+02;
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                                                                                                                                                                                                                                        Insert Length: 10000 Std Error: 0 Plate: 0018 row: D column: 18 Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends ends quality sequence stop: 22. High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors complementary to include of Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/63 (male) was obtained from the Jackson
      Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
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High quality sequence stop: 22.
Location/Qualifiers
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Matches 17; Conservative
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114) [gb] ARL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amplian resistance."
                                                                                   Contact: Robert B. Weiss
University of Utah
University of Utah
Wen. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
151am, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.; Reilly
.M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Location/Qualifiers
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                              plasmid inserts
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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /sex="Male"
                             plasmid inserts
Unpublished
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AZ401908/c
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AUTHORS
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/close lib="Mouse lokb plasmid UGGIM library"
/note="Vector: pWD4Znv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /db xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="Male
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Best Local Similarity 100.*
Matches 17; Conservative
                      plasmid inserts
Unpublished
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymuclectide kinase. Adaptor oligomuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|qb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innest adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse lokb plasmid UUCCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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                                                                                                                                                                                                                                                                       Insert Length: 10000 Std Error: 0.00 Plate: 0147 row: N column: 14 Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.1
TOPPENTATIVE 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic_DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /db_xref="taxon:10090"
/clone="UUGC1M0147N14"
                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@geneics.utah.edu
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Wouse 10kb plasmid UUGCIM library"
/note=="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifica at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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1M0212A05R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0212A05 R, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                     Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
Live 0; Mismatches 0;
                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0203 row: A column: 24
Seq primer: CACACAGGAAACAGCTATGACC
class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0203A24"
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Location/Qualifiers
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Male"
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Best Local Similarity 100.0
Matches 17; Conservative
                                   plasmid inserts
                                                           Unpublished
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AZ428818/c
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
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1M0203A24R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0203A24 R, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"/clone lib="Mouse 10kb plasmid UGCIM library."
/note="Wector: PWB4Zuv; Purified genomic DMA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                     S. 2030 E., SLC,
  whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
Live 0; Mismatches 0; Indele
                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20.
84112, USA
                                                                                                                                                                                                                 Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0168 row: P column: 24

Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                'organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   db xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              clone="UUGC1M0168P24"
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Matches 17; Conservative
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AZ424307/c
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNR was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNR was blunt end-repaired with T4 DNR polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copyrunmber inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                              Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GSS 04-OCT-2000
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="B. Coli strain XLIO-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UGGCIM library" /note="Vector: PWD42nv, Purified genomic DNA from M. musculus GSPBL/60 (male) was obtained from the Jackson
  Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insært Length: 10000 Std Error: 0.00
Plate: 0264 row: G column: 12
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Prec. ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:10090"
/clone="UUGCIM0264G12"
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Location/Qualifiers
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Mus musculus
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Best Local Similarity 100.0
Matches 17; Conservative
                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
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AZ463503/c
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longarce, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab host="B. Coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0212 row: A column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0212A05"
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AZ459654.1 GI:10617779
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Fax: 801 585 7177
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AZ459654/c
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Laboratory Mouse DNA resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pubA2 (gil 47321141gb]AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xiii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                   Contact: Robert B. Weiss
University of Utah
University of Utah
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/lab.host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                        84112, UDA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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                                                                                                                                                                                                                                                                                                                 Insert Length: 10000 Std Error: C
Plate: 0272 row: E column: 12
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0272E12"
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Location/Qualifiers
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /sex="Male"
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/lab_host="MB. Coli strain XLI0-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                             Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
        Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Mus musculus"
                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0272E24"
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84112, USA
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Sciurognathi; Muridae; Murinae; Mus.
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/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0374 row: J column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/strain="C57BL/69"
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clone="UUGC1M0374J15"
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Bukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
1 (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sex="Male"
                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
                       plasmid inserts
                                               Unpublished
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMAPA2 (gil 4772114)[gb]AR129072.1], a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malan, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Win-Versity of Utah
Rm. Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"/clone llb="Mouse 10kb plasmid UUGCIM library"
/note="Wector: PWD4Znr; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Bror: 0.00

Plate: 0430 row: A column: 13

Seq primer: CGTTGTAAAACGACGGCCAGT

Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
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Location/Qualifiers
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Best Local Similarity
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TITLE
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Mouse whole genome scaffolding with paired end reads from 10kb
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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Matches 17, Conservative
                               plasmid inserts
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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     Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0529 row: D column: 05
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Class: plasmid ends
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                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
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AZ760533
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWAP2 (gril 4/972114/94)AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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2M0016I12R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0016I12 R, genomic survey sequence.
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mamalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
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/clone_lib="Mouse_lokb plasmid UUGCIM library"
/note="Vector: PWD42IN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson.
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100.0%; Pred. No. 1.1e+02;
rative 0; Mismatches 0; Indels
                                                     84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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us09904568-1.rst

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|ART29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amplcillin resistance."
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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2M0033A05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0033A05 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb_plasmid_UGCIM_library"
/note="Wector: PWD4Zuv; Purified genomic_DNA_from M.
musculus_C57BL/6J (male) was obtained from the Jackson
      Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wa. Versity of Utah
1308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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Pred. No. 1.1e+02;
                                                                                                                                                                                                      84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
.....t: 10000 Std Error: 0.00
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//lab host="Male"
//lab host="Male"
//lab host="Watcor: PMP42nv; Purified genomic DNA from M.
//note="Totor: PMP42nv; Purified genomic DNA from M.
musculus G57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
//nttp://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifica at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducable derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for amplicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0016 row: I column: 12
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
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Matches 17; Conservative
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Fax: 801 585 7177
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Unn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A., and Wright,D.,Welss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /sex="Male"
/lab host="B. Coli strain XL10-Gold, TI-resistant, F-"
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/clone lib="Mousel"
/note="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                         Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: A column: 05
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Class: plasmid ends
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/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC2M0033A05"
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Best Local Similarity 100.0
Matches 17; Conservative
                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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AZ787606/c
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(http://www.idancory mounts unan resource (http://www.idancory). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Wector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated inducible derivative of plasmid R1. The vector was ligated
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2M0045A24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0045A24 F, genomic survey sequence.
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Mus musculus
Butaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Butaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain XLIO-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note=""Vector: PW42nv; Purified genomic DNA from M. musculus C57BL/64 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
Mouse whole genome scaffolding with paired end reads from 10kb
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Pred. No. 1.1e+02;
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100.0%; Pred. No. 1...
... 0; Mismatches
                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0034 row: G column: 12
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
                                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0034G12"
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|ga|AR29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0092K13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0092K13 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XLIO-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCIM library"
/note="Wector: PWD42Lry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
        Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 300, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                      Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0076 row: E column: 19
Seq primer: GGTGTAAAAGGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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/db_xref="taxon:10090"
/clone="UUGC2M0076E19"
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="Male"
                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                    plasmid inserts
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AZ820439/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampleillin resistance."
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200076E19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Mennen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
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AZ810674.1 GI:12978158
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17; Conservative
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Fax: 801 585 7177
                               plasmid inserts
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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sex="Male"
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AZ841661
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Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 9 22 t
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2M0099K07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0099K07 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="male"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                  E., SLC,
    Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Pred. No. 1.1.
                                                                                                                                                                                                                                                                                       Plate: 0092 row: K column: 13
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                  'organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC2M0092K13"
                                                                                                                                                                                                                                                                                                                                                              High quality sequence stop: 22.
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Best Local Similarity 100.(
Matches 17; Conservative
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AZ823875
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Makaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 22)
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2M0139I18R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0139I18 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UWGCM library" /note="Vector: PWD42zv; Purified genomic DNA from M.musculus CS7BL/6J (male) was obtained from the Jackson
                                                                                             SLC,
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
TRM. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
                                                                                                                                     84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Tanorth: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
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fstrain="c57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0098K07"
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Plate: 0098 row: K column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic_DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /clone="UUGC2M0142I24"
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Best Local Similarity 100.
Matches 17; Conservative
                                  plasmid inserts
Unpublished
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AZ843648
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Asse, M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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2M0142124F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
    whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: I column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
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Best Local Similarity 100.0
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Fax: 801 585 7177
                           plasmid inserts
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi)4732114 (gb)AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0142B07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0142B07 R, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="Male"
/lab.host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
                                                             Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0142 row: I column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
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/db_xref="taxon:10090"
/clone="UUGC2M0207D13"
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Location/Qualifiers
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Unun,D., Advagi,L., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/note="Wector: PWD51xy; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Mouse whole genome scaffolding with paired end reads from 10kb blasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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100.0%; Pred. No. 1.18+02;
cive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus"
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/strain="C57BL/6J"
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Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 5td Erro
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Mus musculus
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gilfy132114) gb[AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0287L21R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0287L21 R, genomic survey sequence.
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/lab host="E. coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC2M library"
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musculus C57BL/6J (female) was obtained from the Jackson
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Lislam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TRED927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayedetigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Relingworth, C., Cemond, D., Harris, B., El-Sayed, N., Hou, L.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Mediville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission

AL Submission

Project, Sunger Centre, The Wellcome Trust Genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CBIO 1SA, B-mail: barrell@sanger.ac.uk and
nhi@sanger.ac.uk

Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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described in detail in Smith, H and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Barrell, Oxford University Press, 1999).

Barrell, Oxford University Press, 1999).
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T. brucei sheared genomic DNA clone 211d06, forward sequence,
genomic survey sequence.
     Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and nh1@sanger.ac.uk
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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Bukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0; Indels
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'strain="TREU927"
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/strain="TREU927"
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Best Local Similarity
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KEYWORDS
SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pwapt (gilly 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Geld (Stratagene) cells and selected for ampicillin resistance."
                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GSS 13-DEC-2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /sex="Female"
/lab host="E. coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource
whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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1 (bases 1 to 22)
Hall, N. Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrell, B.G.
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0287 row: L column: 21
Seg primer: CACACAGGAAACAGGTAATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1. .22
/organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:10090"
/clone="UUGC2M0287L21"
                                                                                                                                                                                                                                                                                                                                                                               Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             T. brucei sheared genomic
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Best Local Similarity 100...
Rest Local 17; Conservative
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                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
                          plasmid inserts
Unpublished
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1 'Irpanosoma'.

1 (Dases 1 to 22)

88 Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission

1 (Direct Submission)

1 (Direct Submission)

2 (Direct Submission)

2 (Direct Submission)

3 (Direct Submission)

4 (Direct Submission)

4 (Direct Submission)

5 (Direct Submission)

6 (Direct Submission)

7 (Direct Submission)

8 (Dir
                                                                                                                                                                                                         Direct Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project. Sanger Centre. The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk and nhl@sanger.ac.uk and nhl@sanger.ac.uk and nhl@sanger.ac.uk and constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TRED927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).

Bmail: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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T. brucei sheared genomic DNA clone 35c12, reverse sequence,
                          Trypanosoma.
1 (bases 1 to 22)
Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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/strain="TREU927"
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AL454256.1 GI:11855060
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Trypanosoma brucei
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                                                            REFERENCE
AUTHORS
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AL492691
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.B., Rajandream, M.A. and Barrell, B.G. Direct Submission Submission Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae,
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100.0%; Pred. No. 1.1e+02;
                                                                                          Length 22;
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/strain="TREU927"
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/clone="231e08"
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/clone="211d06"
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RESULT 271 TA380A07P DEFINITION ORGANISM

SOURCE

REFERENCE AUTHORS

ACCESSION VERSION KEYWORDS TITLE JOURNAL

COMMENT

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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypensoma brucei (TREU927/4 GUTAL 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                  Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and nhl@aanger.ac.uk
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Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin Institute
Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 527 4200
Email: frazer:murray8bbsrc.ac.uk
GCGGCCGCTITITITITITITITITI 3' Poly A RNA purchased from Clonetech
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
            T. brucei sheared genomic DNA clone 386h07, reverse sequence
                                                                                                                                                                                                                                                Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
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ALS87621 BP Chicken Brain Library Gallus gallus cDNA clone
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0; Mismatches 0;
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/organism="Trypanosoma brucei"
/mol_type="genomic DNA"
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100.0%; Pre
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                                      genomic survey sequence.
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BP Chicken Brain Library
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AL587621.1 GI:13192655
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Gallus gallus
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Trypanosoma brucei
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Matches 17; Conservative
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Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Dialite, S.B., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GTTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
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insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Location/Qualifiers
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100.0%; Pred. No. 1.1e+02;
iive 0; Mismatches 0;
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/organism="Trypanosoma brucei"
/mol type="genomic DNA"
/strain="TREU927"
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TA386H07Q

RESULT 272 TA386H07Q/c LOCUS

Query Match

Matches

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BASE COUNT

FEATURES

Source

FEATURES

BASE COUNT

Matches

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GSS 29-SEP-2000

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (41472114)[pJAPL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                    Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (Dases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
151am,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                           AZ309219

23 bp DNA linear GSS 29-SEP-200
1M0013G08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus G77BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Plate: 0013 row: G column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
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/clone="UUGC1M0013G08"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 23.
Location/Qualifiers
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23 AAAAAAAAAAAAAA 7
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Fax: 801 585 7177
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                                                            RESULT 275
AZ309219/c
                                                                                                                             DEFINITION
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ORGANISM
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KEYWORDS
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Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., Staben,C., Edman
J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
40506-0225, USA
Tel: 606 257 2161
Fax: 606 257 2161
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830G5 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence.
AW334124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pneumocystis carinii
bneumocystis carinii
Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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                                                                            organism="Gallus gallus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="mRNA"
/db_xref="taxon:4754"
/lab_host="E.coli"
                                                                                                    /mol_type="mRNA"
/db_xref="taxon:9031"
                                                                                                                                                                                                                                                                                                                                                 Clonetech (*6854-1)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: staben@pop.uky.edu.
   Location/Qualifiers
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                                  Location/Qualifiers
                                                                                                                                                /clone="ROS059H07"
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Best Local Similarity 100.0
Matches 17; Conservative
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                  Seg primer: M13F.
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Best Local Similarity
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DEFINITION ACCESSION VERSION

AW334124/c

ORGANISM

KEYWORDS SOURCE

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

FEATURES

BASE COUNT

ö

Gaps .; 0 1 AAAAAAAAAAAAA 17

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pNMA2 (gil4732114)gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                          AZ309851 23 bp DNA linear GSS 29-SEP-2000 1M0017L12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0017L12 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., ISIam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab host="B. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Insert Length: 10000 Std Error: 0.00 Plate: 0017 row: L column: 12 Seq primer: CGTTGTAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
Mus musculus
                                                                                                                                                                                                                                                                AZ309851.1 GI:10351256
   23 AAAAAAAAAAAAAA 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                RESULT 276
AZ309851
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KEYWORDS
SOURCE
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymerase inch repaired with 74 DNA polymerase and 74 polymerase to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732.114 (gi) |AR129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore of the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                 GSS 29-SEP-2000
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                                                        AZ312314 1200 28 29-SEP-200 1MO028006F Mouse 10kb plasmid UUGCIM library Mus musculus genomic cone UUGCIM0028006 F, genomic survey sequence.
                                                                                                                                                                                                                                                                Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Musili (Dasses 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /sex="Male"
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musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   rel: 601 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0028 row: O column: 06
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plaemid ends
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/clone="UUGC1M002B006"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                           Mus musculus (house mouse)
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Best Local Similarity
Matches 17; Conserv
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RESULT 277
AZ312314/c
                                                                                       DEFINITION
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KEYWORDS
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Query Match
1.5%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels

1084 AAAAAAAAAAAAA 1100

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.; 0

Gaps 0;

GSS

VERSION KEYWORDS

ACCESSION

ORGANISM

SOURCE

REFERENCE AUTHORS JOURNAL COMMENT

TITLE

RESULT 278 AZ313922/c DEFINITION

LOCUS

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Mus musculus

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 23)

1 (bases 1 to 23)

1 (bases 1 to 23)

2 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA.
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                                                                                                                                                                                     AZ315640 23 bp DNA linear GSS 29-SEP-2000 1M0033004F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0033004 F, genomic survey sequence.
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/note="Vector: PW942nv; Purified genomic DNA from Musculus G78BL/60 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.5%; Score 17; DB 1; Length 23; 00.0%; Pred. No. 1.1e+02;
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Best Local Similarity 100.0%; Fred. No. 1.10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0033 row: O column: 04
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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23 AAAAAAAAAAAAAAA
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                                                                                                                                                                                              AZ313922 29-SEP-2000 1M0030A02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0030A02 R, genomic survey sequence.
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Mus musculus

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Musculus
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
"m 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, "
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/lab_host="E. Coli strain XL10-Gold, Ti-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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/clone="UUGC1M0030A02"
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Location/Qualifiers
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23 AAAAAAAAAAAAAA 7
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Best Local Similarity 100.0
Matches 17; Conservative
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PEATURES

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Gaps . 0

BASE COUNT

ACCESSION

AZ351354

REFERENCE AUTHORS JOURNAL

COMMENT

TITLE

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/lab.host="E" Coli strain XL10-Gold, T1-resistant, F-"
/lab.host="E" Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Wouce 10kb plasmid UUGCIM library"
/note="Tvector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWNA2 (gi|472214|gb|AR129072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunnogenetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0099 row: C column: 23
Seg primer: CGTTGTAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGCIM0099C23"
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Location/Qualifiers
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                1 AAAAAAAAAAAAA 17
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University of Utah Genome Center
University of Utah
Wew. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1.5%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 1084 AAAAAAAAAAAAA 1100

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KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS JOURNAL

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DEFINITION

ACCESSION

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AZ419236/c RESULT 282

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musculus Cylaby on (mark) was obtained from the carbon. Imboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymnoteotide kinase. Adaptor oligonocleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 Kb range using preparative agazose gellectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                   AZ425710 23 bp DNA linear GSS 03-OCT-2000 1M0205L23R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0205L23 R, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
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Location/Qualifiers
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23 AAAAAAAAAAAAAAA 7
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AUTHORS
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KEYWORDS
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musculus C578H/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated by respect through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated with a polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose ger
adaptored DNA was purified and size-selected from a derivative
of pWD42 (gil 4772114 gb] AR129072.1), a copy-number
inducible derivative of plasmid RI. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                               AZ419236 23-0CT-2000
1M0195H07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0195H07 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longarere, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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High quality sequence stop: 23.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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Mus musculus
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1 AAAAAAAAAAAAA 17
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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source

FEATURES

B

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Gaps

BASE COUNT

8

SOURCE ORGANISM

AUTHORS

JOURNAL

COMMENT

TITLE

REFERENCE

ACCESSION

VERSION KEYWORDS

RESULT 284 AZ435597 LOCUS DEFINITION

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|q132114|qbh|k1229072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                         AZ461220
1M0267D05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0267D05 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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//ab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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//note="Wector: PWD4Znv; Purified genomic DNA from M.
musculus C57BL/G (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pRUA2 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                           AZ435597 1M0222P09R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0222P09 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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High quality sequence stop: 23.
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.1e
Matches 17; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                     Mus musculus (house mouse)
Mus musculus
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2 AAAAAAAAAAAAAA 18
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet:
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SOUTH

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Gaps ; 0

BASE COUNT

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RESULT 286 AZ465327/c DEFINITION

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ORGANISM

REFERENCE AUTHORS JOURNAL

TITLE

ACCESSION VERSION KEYWORDS SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                        AZ481702 23 bp DNA linear GSS 04-0CT-2000 1M0306E11F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0306E11 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. L. (bases 1 to 23)

Dunn, D., Aoyagi, A.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished Contact: Robert B. Weiss Contact: Robert B. Weiss University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 8412, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Location/Qualifiers
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23 AAAAAAAAAAAAAAAA 7
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                                                                                 RESULT 287
AZ481702/c
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Laboratory Mouse DNA Resources
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was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide Kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pND42 (31 4732114) [9] ART29072.11, a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                        AZ465327 23 bp DNA linear GSS 04-0CT-2000 1M0275K12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0275K12 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, R., Menen, E., Pedersen, T., Reilly and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Mus musculus
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1 AAAAAAAAAAAAA 17
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Fax: 801 585 7177
Email: ddunn@genet
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GSS 13-DEC-2000

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AZS93540 13-DEC-200 1MA linear GSS 13-DEC-200 IMO405C07F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0405C07 F, genomic survey sequence.
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23 AAAAAAAAAAAAAA 7
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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polymucleotide kinase. Adaptor oligonacleotides were
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10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the linsert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                     AZ588254 23 bp DNA linear GSS 13-DEC-2000 1M0396024F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0396024 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Duval, Mose, Mose,
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Insert Length: 10000 Std Error: 0.00
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High quality sequence stop: 23.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high. molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gil 4732114) fpl AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus (house mouse)
Mus musculus
Bukaryota, Metazoa; Chordata, Craniata, Vertebrata, Buteleostomi,
Bukaryota, Metazoa; Chordata, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Bann, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
Dlasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Blate: Length: 10000 Std Error:
Plate: 0405 row: C column: 07

Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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84112, US
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RESULT 290 AZ610785

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through was hydrodynamically sheared by repeated passage through of 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi/4732144 gb/AR129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Pm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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1M0455J07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0455J07 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/65 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: dduum@genetice.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0455 row: J column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                   AZ610785

23 bp DNA linear GSS 13-DEC-200
IM0436N07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0436N07 F, genomic survey sequence.
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Matches 17; Conservative 0; Mismatches
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0436 row: N column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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clone="UUGC1M0436N07"
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwly2 (gi|4732114|gb|Ar129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Unpublished
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/clone lib="Mouse 10kb plasmid UUGCIM library"
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Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: C
Plate: 0529 row: D column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insext Length: 10000 Std Error: 0.00
Plate: 0514 row: E column: 09
Seq primer: CGTTGTAAAACGACGCCCAGT
Class: plasmid ends
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Location/Qualifiers
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         1 AAAAAAAAAAAAA 17
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source

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REFERENCE AUTHORS

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Inductions of the source (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin remistance."
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L Unpublished Contact: Robert B. Weiss
University of Utah Genome Center University of Utah Genome Center University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                     AZ787184 2M0033C07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0033C07 F, genomic survey sequence.
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Insert Length: 10000 Std Error:
Plate: 00133 row. C column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Location/Qualifiers
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Mus musculus
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1 AAAAAAAAAAAAA 17
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Fax: 801 585 7177
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VERSION
                                                                                                                       RESULT 295
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
84112, USA
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10 (bases 1 to 23)
11 (bases 1 to 23)
12 (bases 1 to 23)
13 (bases 1 to 23)
14 (bases 1 to 23)
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus GSPBL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Ted: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
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Location/Qualifiers
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AZ792751/c DEFINITION

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muscular colours (water was occasined tion the packed) Indocatory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNR was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                 AZ817623 20-FEB-200
2M0087N09F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Insert Length: 10000 Std Brror: 0.00
Plate: 0087 row: N column: 09
Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="CS7BL/60"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS
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                                                                                                                                                        AZ817623
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                     AZ792751
2M0045K24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0045K24 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Dunouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0045 row: K column: 24
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Pred. No. 1.14 tive 0; Mismatches
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Location/Qualifiers
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Mus musculus
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Best Local Similarity
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source

FEATURES

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Gaps ó.

BASE COUNT

Matches

VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS JOURNAL

COMMENT

TITLE

DEFINITION RESULT 298 AZ859570

q

ACCESSION

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/lab host="E" Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Westor: PWD42nr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agances gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                           AZ862224
2M0169N18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0169N18 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
Mus musculus
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
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1.5%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0169 row: N column: 18
Seq primer: cGTTGTAAAACGAGGCCAGT
Class: plasmid ends
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Location/Qualifiers
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1 AAAAAAAAAAAAA 17
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COMMENT
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                                                                                                                                                                                                    AZB59570 23 bp DNA linear GSS 21-FEB-2001 2M0165B14F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0165B14 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0165 row: B column: 14
Seq primer: CGTIGTAAAACGACGGCCAGT
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'strain="C57BL/6J"
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High quality sequence stop: 23.
Location/Qualifiers
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clone="UUGC2M0165B14"
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Mus musculus
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1.5%; Sco
Best Local Similarity 100.0%; Pr
Matches 17; Conservative 0;
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        1 AAAAAAAAAAAAA 17
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Gaps ..

BASE COUNT

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KEYWORDS SOURCE ORGANISM

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REFERENCE AUTHORS JOURNAL

COMMENT

TITLE

RESULT 300 AZ939608

DEFINITION ACCESSION

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymoclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pMAD42 (gil | 4732114 | gb| AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll xilloGold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Wector: PWD42ny; Purified genomic DNA from M.
musculus G57BL/67 (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                Mis misculus Eukarota, Metazoa, Chordata, Craniata; Vertebrata; Euteleostomi; Eukaryota, Metazoa, Chordata, Sciurognathi; Muridae; Murinae, Mus. 1 (Dases 1 to 23) (Dun., D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.0
Plate: 0288 row: B column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M028BD3"
                                                                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
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1 AAAAAAAAAAAAAA 17
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AUTHORS
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g
                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)

Mus musculus (house mouse)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(E. 1 (base; 1 to 23)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,

M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Contact: Robert B. Weiss

University of Utah Genome Center
University of Utah Genome Center
University of Utah

Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA
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2M0198107R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
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/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Whouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculius C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                          clone UUGC2M0198I07 R, genomic survey sequence.
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/strain="C57BL/6J"
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/clone="UUGC2M0198107"
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Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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1 AAAAAAAAAAAAA 17
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Merett Submission

Direct Submission

Submitted (10-DBC-2000) Trypanosoma brucei genome sequencing
Submitted (10-DBC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centrer, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 15A, E-mail: Barrell@sanger.ac.uk and
nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
to give a tight siz
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T. brucei sheared genomic DNA clone 353a10, forward sequence,
                           Constructed at the Institute for Genomic Research (TIGR),
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma bruce; (TRED27/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
innert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                         Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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.00.0%; Pred. No. 1.1e+02;
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/mol_type="genomic DNA"
/strain="TREU927"
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/strain="TREU927"
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/clone="274b03"
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Expanoboma.

Expanoboma.

Expanoboma.

Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.

Melville,S.E., Rajandream,M.A. and Barrell,B.G.

Direct Submission

Submitted (10-DEC-2000) Trypanoboma brucei genome sequencing project; Sanger Centre. The Wellcome Trust Genome Campus, Hinxton, cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk

Constructed at the Institute for Genomic Research (TIGR),

Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TRED9274 GUTat 10.1) was mechanically sheared to give a tight size distribution (

Trypanosoma brucei (TRED9274 GUTat 10.1) was mechanically sheared to give a tight size distribution (

4 kb). The v +i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).

Email: nelsayedetigr.org

Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Frojects/T_brucei/.
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                                                                                                                                                                51C02Q 23 bp DNA linear GSS 13-DEC-2000 brucei sheared genomic DNA clone 151c02, reverse sequence.
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Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Bulville, S.B., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
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Bukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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100.0%; Pred. No. 1.1e+02;
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/strain="TREU927"
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Trypanosoma brucei
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1 (bases 1 to 23)
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/sex="Male"
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                                                                                                                                                                                                                                                          14 bp DNA linear GSS 03-OCT-2000 1M022BAIOF Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM022BAIO F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                       Gaps
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1.5%; Score 17; DB 1; Length 23; 100.0%; Pred. No. 1.1e+02; ive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0228 row: A column: 10
Seq primer: GGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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/strain="C57BL/6J"
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'sex="Male"
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                                                                                                          1084 AAAAAAAAAAAAAA 1100
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  Query Match
Best Local Similarity 100.(
Matches 17; Conservative
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pwl2 (gil 4732114 |gb| AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. Coli X110-Gold (Stratagene) cells and melected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse Whole genome scaffolding with paired end reads from 10kb blasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCN library."
/note="Wector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Length 24;
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Query Match 1.5%; Score 17; DB 1; Le Best Local Similarity 100.0%; Pred. No. 1.1e+02; Matches 17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brorr: 0.0
Plate: 0560 row: H column: 02
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Musmalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)

I (bases 1 to 24)

S Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacrets,S., Mahmoud,M., Menen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R., Stokes,R., Tingey,A., von Niederhausern,A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 300. Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 Kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10.Gold (Stratagene) cells
and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UTGCIM library"
/note="Vector: PWD42Lv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Query Match 1.5%; Score 17; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 1.1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0
Plate: 0560 row: D column: 11
Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/60"
/db xref="taxon:10090"
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Location/Qualifiers
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/clone_Tweator: PWD42nv; Purified genomic DNA from M.
musculus G78Hs/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb zange using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                        AGA/04519 24 bp DNA linear GSS 16-FEB-2001 IM0560PIIR Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0560PI1 R, genomic survey sequence.
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                                                                      Gaps
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0
   Length 24;
Query Match
1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0560 row: P column: 11
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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Mus musculus
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Unpublished
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1 (bases 1 to 20)
Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., Staben,C., Edman,J., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 23)
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2M0265I23F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0265I23 F, genomic survey sequence.
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Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Contact: Staben C
School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
                                                                                                                                                                                                                                   S25H10 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence. AW333777 AW333777.1 GI:6830134
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Pred. No. 1.1e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                         Pneumocystis carinii
heumocystis carinii
Eukarycia; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
                Length 24;
                                                            0; Indels
                Score 17; DB 1; Le
Pred. No. 1.1e+02;
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1.5%; Scor.
100.0%; Pred. No. 1.-
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/lab_host="E.coli"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: staben@pop.uky.edu.
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                                                                                                       1084 AAAAAAAAAAAAA 1100
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         Query Match
Best Local Similarity 100.0
Matches 17; Conservative
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Best Local Similarity 90.03
Matches 18; Conservative
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Tel: 606 257 2161
Fax: 606 257 1717
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AW333777/c
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/clone_lib="Monuse 10kb plasmid UUGCIM library"
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifica at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored bNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gal
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli X110-Gold (Stratagene) cells
and selected for ampicallin resistance."
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                                                                                                                                                                                                                                                             GSS 20-FEB-2001
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                          AMBLESS 19 24 bp DNA linear GSS 20-FEB-200 2M0079A23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0079A23 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                          Gaps
                                                        6
       1.5%; Score 17; DB 1; Length 24; 100.0%; Pred. No. 1.1e+02; tive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
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                                                     17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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                                Best Local Similarity
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           Query Match
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Gaps

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GSS 27-APR-2001

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 [gb]ABL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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DKFZp5661173 r1 566 (synonym: hfkd2) Homo sapiens cDNA clone
BFRZp5661173, mRNA sequence.
                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Blomedical Polymers Regearch Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone L1b="Mouse 10kb plasmid UGGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G77BL/60 (male) was obtained from the Jackson
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Koehrer,K., Beyer,A., Mewes,H.W., Gassenhuber,J. and Wiemann,S.
EST (Koehrer, et al.)
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                                                                                                                                                                                                                                                                                                                                                                 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Bmail: ddunm@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0244 row: E column: 15
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 23.
High quality sequence
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                                                                                    inserts
                                                                                                              Unpublished
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                                                                                                              JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (414732114)[pd.FAR123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Craniata, Vertebrata, Buteleostomi,
Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 A2447220 10kb plasmid UUGCIM library Mus musculus genomic UUGCIM0244E15F Genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
                    and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plaamid inserts
Unpublished
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                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0265 row: I column: 23
Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/60"
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/clone="UUGC2M0265123"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       High quality sequence stop: 23. Location/Qualifiers
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Mammalia, Eutheria, Rodentia,
1 (bases 1 to 23)
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Matches 18; Conserv
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84112, USA
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarcse gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114[gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XI10-GG1d (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TA367G08P 22 bp DNA linear GSS 13-DEC-2000
T. brucei sheared genomic DNA clone 367g08, forward sequence,
genomic survey sequence.
AL493527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREUS27/4 GUTAT 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Veneer, J.C. (Making small
innert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: nelsayed@tigr.org Details of T. brucei sequencing at the Sanger Centre are available
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nh1@sanger.ac.uk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Trypanosoma brucei
Bukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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Location/Qualifiers
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/strain="TREU927"
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/clone="367g08"
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Fax: 801 585 7177
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                               /clone="Daries"."
/tissue_type="kidney"
/tissue_type="kidney"
/dev_atage="fetal"
/lab_höst="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2: SalI"
/note="Vector: pAMP1; Site_1: NotI;
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0
                                                                                 Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
Location/Qualifiers
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Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
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/strain="C57BL/6J"
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                                                                                                                                                                                         /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="DKFZp566L173"
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Mus musculus
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AZ486776.1 GI:10653882
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                           Contact: Koehrer K
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Best Local Similarity
Matches 17; Conserv
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with TH DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWMA2 (gil 4732114 |gb| AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XIIIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Mslam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0138M14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0138M14 R, genomic survey sequence.
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/lab host="B. Coli strain XL10-Gold, T1-resistant,
/lab host="B. Coli strain XL10-Gold, T1-resistant,
/loone lib="Mouse 10kb plasmid UUGCIM library"
/note="Woetor: PWD42nv; Purified genomic DNA from M musculus C57BL/6J (male) was obtained from the Jac
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                                                                                                                                           Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                               Std Error: 0.00
                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.
Plate: 0080 row: C column: 02
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
                                  Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                      High quality sequence stop: 22.
Location/Qualifiers
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/clone="UUGC1M0080C02"
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84112, USA
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Waiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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1M0080C02F Mouse 10kb plasmid UUGCIM library Mus musculus genomic CODE UUGCIM0080C02 F, genomic survey sequence.
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                                                                                                                                                                  TA367D08P 23 bp DNA linear GSS 13-DE T. brucei sheared genomic DNA clone 367d08, forward sequence,
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
                                                                                                                                                                                                                                                                                                                                                            Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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/mol_type="genomic DNA"
/strain="TREU927"
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/clone="367d08"
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Caryophyta; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylales; Amaranthaceae; Beta.

I (bases 1 to 16)

Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., and Radelof, U., and Radelof, U., and Radelof, U., and Radelof, U., and Radelof, W., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant Wasshaar B.

ADIS DNA core facility at MPIZ

Max-planck-Institute for plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: O0492215062851

Fax: O0492215062851

Fax: Email: weissha@mpiz-koeln.mpg.de
                                                                                                                                                                                                                                                                                                                                                                    /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      l6 bp mRNA linear EST 06-DEC-2002 E012844-024-019-M04-T7 MPIZ-ADIS-024-storage root Beta vulgaris EQ590507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /issue type="storage root"
/lab_host="EMDH10B"
/clone lib="MPIZ-ADIS-024-storage root"
/note="vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SP6-SAII-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project . local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
Contact: Weissbar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissbaa@mpiz-Koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: K column: 18
Plate: 19 row: K column: 18
Seq primer: T7; GTAARGGGACTATAGGGC.
Location/Qualifiers
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1.5%; Score 16; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 0;
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Plate: 19 row: M column: 04
Seg primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |db_xref="GABI:189955"
|db_xref="taxon:161934"
|clone="024-019-K18"
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                                   JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 16)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligomucleotide
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
RR. 308, Baillandical Polymers Research Bldg., 20 S. 2030 E.,
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                                                                                                                                                                                   Tel: 801 585 5606

Fax: 801 585 7177

Bmail: ddunn@enetics.utah.edu

Insert Length: 10000 Std Brror: 0.00

Plate: 0138 row: M column: 14

Seq primer: CacAcAGGAAACAGGTATGACC

Class: plasmid ends

High quality sequence stop: 23.

Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
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Best Local Similarity
Matches 18; Conserv
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spernatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylales; Amaranthaceae; Beta.

(aryophylales; Amaranthaceae; Beta.

(bases 1 to 16)

(bases 1 to 16)

(caryophylales; Maranthaceae; Beta.

(caryophylales; Maranthaceae; Beta.

(caryophylales; Maranthaceae; Beta.

(dases 1 to 16)

(dases 1 to 16)

(caryophylales; Maranthaceae; Beta.

(caryophylales; Marck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.

(construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant, J. 32 (5), 845-857 (2002)

(contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-voor-Linne Weg 10, 50829 Koeln, Germany
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/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/con library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.gchulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SP6-Ball-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/cultivar="KWS2320 (double haploid, monogerm breeding line
/clone lib="MPIZ-ADIS-024-developing root"
/note="Wector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/note="Wector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/note="Wector: pcm sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                       orientation:
SP6-Sall-CCACGCGCCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGCCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local P1: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZDD/GABI-Primary database: http://gabi.rzpd.de"
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Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Brror: 0.00
Plate: 28 row: A column: 01
Seg primer: T7; GTAATACGACTCACTATAGGGC.
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Best Local Similarity 100.0
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                  /tissue_type="storage root"
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/lab host="Exhilton"
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/kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
/coning/kws.de, cloning sites Sall-Not1, primer sites and
orientation:
/cone contaction:
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Contact: Weisshaar MPIZ
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de
Insert Lengh: 16 Std Error: 0.00
Plate: 28 row: F column: 08
Seq primer: SP6r; ATTRAGAGGACTATAGAAGA.
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BETA Vulgaris

Beta vulgaris

Beta vulgaris

Bukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 16)

Hervig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

and Radelof,U.

Bringowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
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                                                                                                                               "mol type="mRNA"
'cultivar="KWS2320 (double haploid, monogerm breeding line
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S013686-024-028-F08-SP6R MPIZ-ADIS-024-developing root Beta
vulgaris cDNA clone 024-028-F08 5-PRIME, mRNA sequence.
BQ592600
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BASE COUNT

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BQ595717 16 bp mRNA linear EST 06-DEC-2002
E012692-024-022-H07-SP6 MPIZ-ADIS-024-developing root Beta vulgaris
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(aryophyllales; Amaranthaceae; Beta.

(bases 1 to 16)

Herwigs, Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B
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/mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm breeding line
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E012715-024-017-H16-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-H16 3-PRIME, mRNA sequence.
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Max.Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215063851
                                                                                                                                                                       cDNA clone 024-022-H07 5-PRIME, mRNA sequence
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Insert Length: 16 Std Brror: 0.00
Plate: 22 row: H column: 07
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100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0;
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Sequencing granted in the context of the GABI-Beet project
'hosal Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/cultivar="KWS2320 (double haploid, monogerm breeding line
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi/4732114) gb]ARL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0315D23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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00.0%; Pred. No. 1.4e+02;
                                                                                                Tal: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: L column: 07
Seg primer: CACACAGGAAACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
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/clone="UUGC1M0560L07"
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84112, USA
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                                                                                                                                                                                                        dud Kauelol, of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B ADIZ
ADIS DNA core facility at MDIZ
Max-Planck-Institute for Plant Breeding Research Carl-von-Linne Neg 10, 50829 Koeln, Germany Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 17 row: H column: 16
Seq primer: T7; GTAATROGACTCACTATRAGGGC.
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/lab_host="EMDH10B"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCWVSPORT6; Site_1: Sall; Site_2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de" 0 0 16 t
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/organism="Beta vulgaris"
/mol type="mRNA"
/mol type="mRNA"
/culTivar="KWS2320 (double haploid, monogerm breeding line
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(Caryophyllales; Am
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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1.3e+02;
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University of Utah Genome Center
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|db_xref="taxon:161934"
|clone="024-017-H16"
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weise, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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21 bp DNA linear GSS 29-SEP-200
1M0033C05R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-" /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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                                                                                                                                                                       Plate: 0315 row: D column: 23
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                 mol type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                               High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                  db xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                          clone="UUGC1M0315D23"
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                                                                                                                                                   Insert Length: 10000
Plate: 0315 row: D
                                                                                                                                                                                                                                                                                                                                                                                                                                                 sex="Male"
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                                                                     Tel: 801 585 5606
Fax: 801 585 7177
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Indocratory Mouse DAR Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomocleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalais; Euto 22)

E 1 (bases 1 to 22)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D. Weise, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

L Unpublished

Contact: Robert B. Weiss
University of Utah Genome Center
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/clome_lib="Mouse_lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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100.0%; Pred. No. 1.4e+02;
tive 0; Mismatches 0;
                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: C column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/db_xref="taxon:10090"
/clone="UUGC1M0033C05"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sex="Male"
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Best Local Similarity 100.0
Matches 16; Conservative
                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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5

20 S. 2030 E., SLC,

us09904568-1.rst

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMAP2 (gill#A722114[plAP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. ooli XLL0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A.
Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UGCIM library"
/note="Vector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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[00.0%; Pred. No. 1.4e+02;
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                       Polymers Research Bldg.,
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Rm. 306, Biomeu...
Rm. 306, Biomeu...
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
Insert length: 10000 Std Brorr: 0.00
Plate: 0018 row: A column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
High quality sequence stop: 22.
Location/Qualifiers
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone="UUGC1M0018A15"
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                    73. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 12, USA 12 USA 13 S 5606
Tel: 801 SBS 5606
Fax: 801 SBS 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0.009 row: 0 column: 20
Plate: 0.009 row: 0 column: 20
Seg primer: CGTGTARARACGACGACAGT
Class: plasmid ends
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="Male"
/lab host="E. Coli strain XIIO-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6U (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                           /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
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/clone="UUGC1M0009020"
                                                                                                                                                                                                                                                                                 High quality sequence stop: 22.
Location/Qualifiers
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  University of Utah
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Matches 16; Conserv
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymerlectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 k range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 gb|AR129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
   University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
nhl@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XLIO-Gold, T1-resistant, F-"
/clone_lib="Mouse_lokb_plasmid_UUGCIM_library"
/note="Wector: PWD42nv; Purified genomic_DNA from M.
muscullus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA Resource
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1 (bases 1 to 21)
Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TA48E09P 21 bp DNA linear GSS 13-D:
T. brucei sheared genomic DNA clone 48e09, forward sequence,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Constructed at the Institute for Genomic Research (TIGR),
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Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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89.5%; Pred. No. 1.5e+02;
live 0; Mismatches 2;
                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0080 row: K column: 20
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                  /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
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AL457045.1 GI:11857508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="Male"
                                 Rm. 308, Biomedical
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Best Local Similarity 89.59
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TA48E09P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwM92 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XII.0-Gold (Stratagene) cells and selected for ampicillin resistance."
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Anhmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XLIO-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Wector: PWD42try; Purified genomic DNA from M.
musculus C57BL/6J (Male) was obtained from the Jackson
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                                                                               Tel: 601 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0034 row: I column: 16
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
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Matches 16; Conserv
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BQ591588/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     BASE COUNT
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KEYWORDS
SOURCE
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Bmail: cgapbs-remail.mih.gov
   Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
   Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
   Gonsortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
   project Clone distribution: MGC Clone distribution information can
   be found through the I.M.A.G.E. Consortium/LLNL at:
   www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
   Scores: PRRED from University of Washingtion Genome Center. Vector
   Trimming: cross match from University of Washingtion Genome Center.
   PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
   Drosophila Genome Project. University of Washingtion Genome Center:
   http://www.genome.washington.edu Low Quality Sequence: 8 contiguous
   PHRED high quality bases following vector sequence: Very Low
   Quality Sequence: Trace file contained 17 contiguous distinct peaks
   following vector sequence. Polyadenylation: Based upon the presence
   of a Xhol site followed by a run of 14 or more T residues at the
   plate: Trom.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AW248574 17 bp mRNA linear EST 07-JAN-2000 2821096.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821096 3',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ó
Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma bruce; (TRED927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (and the state of the 
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Ophbhished
Other_ESTS: 2821096.5prime
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/tissue_type="small cell carcinoma"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 1.5e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Trypanosoma brucei"
/mol_type="genomic DNA"
/strain="TREU927"
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C
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High quality sequence stop: 8.
Location/Qualifiers
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               db_xref="taxon:5691"
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10 c
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AW248574.1 GI:6591567
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Best Local Similarity 89.5
Matches 17; Conservative
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AW248574/c
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TITLE
JOURNAL
COMMENT
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17 bp mRNA linear EST 06-DEC-2002 cDN2-15-SP6 MPIZ-ADIS-024-Storage root Beta vulgaris cDNA clone 024-017-C15-SPE MPIZ-ADIS-024-Storage root Beta vulgaris BQ591588 BQ591588 EQ591588.1 GI:26121171
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/mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm breeding line
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/lab_host="EMDH10B"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCWVSPORT6; Site_1: Sall; Site_2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-NotI, primer sites and
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0
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Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              project
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/lab_bost="middle (phage-resistant)"
/clone lib="NNH MGC 7"
/note="Organ: lung-Vector: pOTB7; Site 1: XhoI; Site 2:
/note="Organ: lung-Vector: pOTB7; Site 1: XhoI; Site 2:
ECORI; cDNA made by oligo-dT priming. Directionally
cloned into ECORI/XhoI sites using the following 5/
adaptor: GGCAGGG(G). Size-selected >SOObp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-867 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
ADIS DNA core facility at MPIZ
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Esmail: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 17 row: C column: 15
Seq primer: SP6; CATACGATTTAGGTGACACTATAGG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SPE-SELL-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note Sequencing granted in the context of the GABI-Beet projetore Profession Pir Dr. Katharina Schneider, coordinator: Profestian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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0
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14.1%; Pred. No. 1.6e+02;
ve 0; Mismatches 1; Indels
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/clone="024-017-C15"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16; Conservative
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Best Local Similarity
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BASE COUNT

Matches

BM658677/c DEFINITION

RESULT 336

SOURCE ORGANISM

ACCESSION

VERSION KEYWORDS

AUTHORS TITLE JOURNAL

COMMENT

REFERENCE

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Hong/Rubin Laboratory CDNA Library Firstyle Trip.

Hong/Rubin Laboratory CDNA Library Firstyle Dy: The Library Hong/Rubin Laboratory CDNA Library Arrayed by: The Lib. A.G.B.

Consortium (Libl.) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found through the Lib. A.G.B. Consortium/Libra at:

www-bio.llnl.gov/bbry/image/image.html Base Calling / Quality Scores: PRRED from University of Washingtion Genome Center. Vector Trimming: cross match from University of Washingtion Genome Center. PHRAP suite. Poly-T Identification: pathmatch.pl from Berkeley Drosophila Genome Project. University of Washingtion Genome Center: http://www.genome.washington.edu Low Quality Sequence: 7 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 19 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated. High quality Sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / Woll type="mRNA"

/ db xref="taxon:9606"

/ dlone="mRNAE:282119"

/ tissue type="small cell carcinoma"

/ tissue type="small cell carcinoma"

/ tissue type="small cell carcinoma"

/ cell line="MGC3"

/ lob host="mHLNB (phage-resistant)"

/ clone line="NHLNB (phage-resistant)"

/ clone forgan: lung; Vector: pOTB7; Site 1: XhoI; Site 2:

EcoR1; cDNA made by oligo-dT priming. Directionally

cloned into EcoR1/KhoI sites using the following 5'

adaptor: GGCACGAG(G). Size-selected solobp for average
insert size 1.8kb. Library constructed by Ling Hong in

the laboratory of Gerald M. Rubin (University of

Callfornia, Berkeley) using ZAP-CDNA synthesis kit

(Stratagene) and Superscript II RT (Life Technologies)."
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Mus musculus
Rukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Musiases 1 to 19)
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Mouse whole genome scaffolding with paired end reads from 10kb
                        Other_ESTs: 2821119.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 1.4%; Score 15.4; DB 1; Best Local Similarity 94.1%; Pred. No. 1.6e+02; Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1. .19
/organism="Homo sapiens"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
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/mol_type="mRNA"
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/clone_lib="CSEQFKL37 pig adrenal"
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Site_l: Not1; Site_2: EcoRI; sequence 5' of the insert
(5'-NNN. ..NNNinsert)
GGGAATTGAAGCTCCACCGGTGGCGGCCGGCTGAG. Sequence 3' of
the inserts (AAGAATTCGATATCGATATCGATACCGTGAG.
non-normalized library, sequenced 3' with MI3R primer."

1 c 0 g 17 t
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I (bases I to 18)
Adelson, D.L. and Gill, C.A.
Porcine ESTS
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NIH-MGC http://mgc.nci.nih.gov/.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contract: David L. Adelson
Animal Breeding and Genetics
Texas A&M University
Animal Science Dept., TAMU-2471, College Station, TX 77843-2471,
                                                                                                                Gaps
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                                                      Length 17
                                                                                                                Indels
                                                   1.4%; Score 15.4; DB 1;
94.1%; Pred. No. 1.6e+02;
   16 t
                                                                                                             0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 9798452616
Fax: 9798456970
Email: david.adelson@tamu.edu.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
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                                                                                                                                                                       1084 AAAAAAAAAAAAA 1100
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Homo sapiens
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                                                                                                             16; Conservative
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Best Local Similarity
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source

FEATURES

BASE COUNT

Matches

DEFINITION

ACCESSION

VERSION

AW248747/c

RESULT 337

g à

ORGANISM

KEYWORDS SOURCE

AUTHORS TITLE

REFERENCE

Gaps

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pMAP2 (gil 4732114[gb]AR129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli Xiii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_lokb plasmid UDGCIM library"
/note="Vector: PWD42zv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                University of Utah
Rm. 380, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0109 row: I column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ünpublished
Contact: Robert B. Weiss
University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:10090"
/clone="UUGC1M0109113"
                                                                                                                                                                                                                                                                                                                                                                                                  High quality sequence stop: 19.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="Male"
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Best Local Similarity 94.1
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Induction of Mark Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarese gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1). a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (2008) 1 (20
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1M0109113R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0109113 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XLI0-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UTGCIM library"
/note="Wector: PWD42Iv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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14.1%; Pred. No. 1.6e+02;
ve 0; Mismatches 1; Indels
                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Insert Length: 10000 Std Error: 0.00
Plate: 0103 row: G column: 03
Seq primer: CACACAGGAAACAGGTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0103G03"
                                                                                                                                                                                                                                                                                                                                                                                              High quality sequence stop: 19.
Location/Qualifiers
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AZ363907.1 GI:10477607
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Best Local Similarity 94.1%;
Matches 16; Conservative
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Contact: Robert B. Weiss
University of Utah Genome Center
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                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="Male"
University of Utah
                                                                     Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab.host="Male" Coli strain XL10-Gold, T1-resistant, F-"
/lab.host="Male" Coli strain XL10-Gold, T1-resistant, F-"
/clome lib="Woouse 10kb plasmid UUGCIM library"
/note="Vector: FWD42nv; Purified genomic DNA from M
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated book was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                    Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, B., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Rose, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1.4%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                  /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC1M0179A16"
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Location/Qualifiers
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AZ513919.1 GI:10695235
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                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="Male"
University of Utah
                                                                     Tel: 801 585 5606
Fax: 801 585 7177
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VERSION
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Imboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (4)4732114 [gb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore and the sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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1M0511G04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0511G04 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malsam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Weetor: PWD42xv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0360 row: E column: 13
Seq primer: CGTGTAAAACGACGCCAGT
Class: plaamid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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(http://www.lax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi=4732114]gb=18129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with shaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Wector: PWD42nv; Purified genomic DNA from M.
muscul"US C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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94.1%; Pred. No. 1.6e+02;
ive 0; Mismatches 1;
                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0520 row: N column: 17
Seg primer: CGTTGTAAAACGACGCCCAGT
Class: plasmid ends

    .19
    /organism="Mus musculus"
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/strain="C57BL/6J"

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Contact: Robert B. Weiss
University of Utah Genome Center
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/clone="UUGC1M0520N17"
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Location/Qualifiers
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                                                                               Tel: 801 585 5606
Fax: 801 585 7177
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Best Local Similarity
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                            Rm. 308, Bio
84112, USA
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                         Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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19 bp DNA linear GSS 14-DEC-200
1M0520N17F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0511 row: G column: 04
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                                                                                                                                                                              Plate: 0511 row: G column: 04
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                             /mol type="genomic DNA"
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/db_xref="taxon:10090"
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Location/Qualifiers
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University of Utah
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                                                                          Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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84112, USA
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Gaps ., GSS 14-DEC-2000

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Inpublished
Contact: Robert B. Weiss
University of Utah Genome Center
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           University of Utah
Rm. 308, Biomedical Po
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Mus musculus
Eukaryotai, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Blam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
'M., Rose, M., Stokes, R.,
and Wright, D., Weiss, R.
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1M0077E20F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0077E20 F, genomic survey sequence.
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab host="B. Coli strain XLIO-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library"
//note="Tvector: PWH42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                     Halls, vos. 1815 5606
Fax: 801 585 7177
Email: ddunn@quetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0529 row: F column: 08
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
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University of Utah Genome Center
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AZ343730.1 GI:10422288
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AZ343730/c
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polynuclectick kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWAP42 (gil-#4732114|gb]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XII0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UTGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus G578L/6J (male) was obtained from the Jackson
Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Mus musculus
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Page 168

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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                      Email: ddunn@genetics.utah.edu
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                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Male"
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Best Local Similarity 94.1
Matches 16; Conservative
                                                                          Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (41772114) [ab] ART29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amplial in resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="Male"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57L/6J (male) was obtained from the Jackson
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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High quality sequence stop: 20.
Location/Qualifiers
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University of Utah Genome Center
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                                                 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Matches 16; Conserv
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources
/nttp://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
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adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin IXL10-Gold (Stratagene) cells
and selected for ampicillin iXL10-Gold (Stratagene)
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R.,

Stokes, R., Stokes, R., Tingey, A., von Niederhausern, A.

and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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0.00
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Osaka University
3-1 Yamada-oka,Suita,Osaka 565,Japan.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                        117 AAACGGGAAGAAGGAT 133
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                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 94.1
Matches 16; Conservative
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AZ308846/c
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Okubo, K., Fukushima, A., Yoshii, J., Niiyama, T., Kojima, Y., Yoshinari, H., Arimoto, J. and Macubara, K.
Gene expression of human promyelocytic cell line HL60 before and after induction of differentiation. A new application of 3'directed
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HUMGS02037 Human promyelocyte Homo sapiens cDNA clone mp2646 3',
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. coli strain XLIO-Gold, Tl-resistant, F-"

/clone_lib="Mouse lokb plasmid UUGC2M library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (female) was obtained from the Jackson
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Institute for Molecular and Cellular Biology
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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4.1%; Pred. No. 1.7e+02;
ve 0; Mismatches 1; Indels
                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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                                                                                                                                                                   Plate: 0213 row: D column: 24
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                      'organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
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/clone="UUGC2M0213D24"
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Location/Qualifiers
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16; Conservative
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Homo sapiens
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Unpublished
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/sex="Male"

/Jab host="E. Coli strain XIJO-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus GS7BL/6J (male) was obtained from the Jackson
laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/db_xref="taxon:9606"
/clone='mp2646"
/clone = 'human promyelocyte"
/note="Pemale, adult, cell_line = HL60, cell_type
promyelocyte."
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                                                                                                                                                                                                                                                                                                 Length 21;
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94.1%; Pred. No. 1.7e+02;
7ative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0012 row: H column: 15
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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/clone="UUGC1M0012H15"
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Location/Qualifiers
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Mus musculus
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adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWDA2 (gi|4722114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored wector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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21 bp DNA linear GSS 29-SEP-200
MN0355702R Mouse 10kb plasmid UTGC1M library Mus musculus genomic
clone UTGC1M0035702 R, genomic survey sequence.
AZ317208
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse=10kb plasmid UGGClM library"
/note="Vector: PWD42ny; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0035 row: J column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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/strain="C57BL/6J"
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Location/Qualifiers
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Best Local Similarity 94.13
Matches 16; Conservative
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AZ317208/c
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ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-completent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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10 (bases 1 to 21)
11 (bases 1 to 21)
12 (bases 2 to 21)
13 (bases 3 to 21)
15 (bases 4 to 22)
15 (bases 4 to 22)
18 (bases 5 to 22)
18 (bases 6 to 22)
18 (bases 7 to 22)
18 (bases 7 to 22)
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Insert Length: 10000 Std Error: 0.00
Plate: 0465 row: C column: 23
Seq primer: CGTTGTAAAACGACGCCCAGT
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/db_xref="taxon:10090"
/clone="UUGC1M0465C23"
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Fax: 801 585 7177
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ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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1M0474B05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0474B05 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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Insert Length: 10000 Std Error:
Plate: 0474 row. B column: 05
Seq primer: CGTTGTAAAACGACGCCAGT
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/organism="Mus musculus"
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/db_xref="taxon:10090"
/clone="UUGCIM0474B05"
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Location/Qualifiers
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Fax: 801 585 7177
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ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
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Dunn, D., Aoyaqi A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0096120F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0096120 F, genomic survey sequence.
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44.1%; Pred. No. 1.7e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.
Plate: 0096 row: I column: 20
Seq primer: CGTYGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0096I20"
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University of Utah Genome Center
University of Utah
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (2021)
Euro, Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Waiss, R.

Mouse, Whole genome scaffolding with paired end reads from 10kb
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
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Insert Length: 10000 Std Error: 0.00
Plate: 0156 Tow: D column: 09
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0156D09"
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Mus musculus
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AZ853429.1 GI:13041543
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Fax: 801 585 7177
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Unpublished
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AZ853429
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Contact: Robert Strauberg, Ph.D.

Contact: Robert Strauberg, Ph.D.

Bmail: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LINL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LiNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PRRED from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
Contiguous PHRED high quality bases following vector sequence. Very
bow Quality Sequence: Trace file contained 22 contiguous distinct
plate. Ilow or very of column.
ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22 bp mRNA linear EST 07-JAN-2000 2822626.33prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822626 3', AW246884
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NIH-MGC http://mgc.nci.nih.gov/.
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/clone lib="NIH MGC 7" |
/clone lib="NIH MGC 7" |
/clone lib="Organ: lung; Vector: pOTB7; Site_1: XhoI; Site_2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCAGAAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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1.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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/cell line="MGC3"
/lab_host="DH10B (phage-resistant)"
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High quality sequence stop: 20.
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/db_xref="taxon:9606"
/clone="IMAGE:2822626"
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AW246884/c
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgen sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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99AS799 Rice Seedling Lambda ZAPII cDNA Library Oryza sativa
(indica cultivar-group) cDNA clone 99AS799, mRNA sequence.
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 2\ c 2\ g 18\ t
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Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission
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Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                    1.4%; Score 15.4; DB 1; 94.1%; Pred. No. 1.7e+02;
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94.1%; Pred. No. 1.7e+02;
iive 0; Mismatches 1;
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Oryza sativa (indica cultivar-group)
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/strain="TREU927"
/db_xxef="taxon:5691"
/clone="303905"
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                             AZ307896 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIMO010N18 F, genomic survey sequence.
AZ307896
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
  California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)." 5 c 0 g 17 t
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/note="Wector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                    Score 15.4; DB 1; Length 22; Pred. No. 1.7e+02;
                                                                                                                                                    1; Indels
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Hel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
.....+: 10000 Std Error: 0.00
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/mol_type="genomic DNA"
Btrain="CS7BL/60"
/db_xxef="taxon:10090"
/clone="TudGCIM0010N18"
/sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Plate: 0010 row: N column: 18
Seq primer: CGTTGTAAAACGACGGCCAGT
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Location/Qualifiers
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                                                       BASE COUNT
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Entrangation Strengtophyta; Embryophyta; Tracheophyta; Sukaryota; Viridiplantae; Strengtophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnollophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 15)

2 Herwag,K., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant U. 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062881
                                                                     SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project , local PI: Dr. Katharina Schmeider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de" 0 c 15 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BQS85820 11-SP6 MPIZ-ADIS-024-leaf Beta vulgaris cDNA clone 024-014-H17-SP6 MPIZ-ADIS-024-leaf Beta vulgaris cDNA clone 024-014-H17 5-PRIME, mRNA sequence.
    /cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/lab_host="RMH10B"
/clone_lib="MPIZ-ADIS-024-leaf"
/note="Vector: pCMVSPORI6; Site_1: Sal1; Site_2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.4%; Score 15; DB 1; Length 15; 100.0%; Pred. No. 1.7e+02; ive 0; Mismatches 0; Indels
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Insert Length: 15 Std Error: 0.00
Plate: 14 row: H column: 17
Seq primer: SP6; CATACGATTAAGGTGACTATAG.
Location/Qualifiers
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                                                    'db xref="GABI:184162"
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Best Local Similarity 100.(
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ENELA "AUGALIA."

ENERATYOTA; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Betaryota; Viridiplantae; Streptophyta; Betaryophylales; Magnollophyta; eudicotyledons; core eudicots; Caryophylales; Amaranthaceae; Beta.

Caryophylales; Amaranthaceae; Beta.

RS Hervig, K., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radeloff, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B acless to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B aclinty at MDIZ Max.Planck-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: Ord-2215062851

Email: weisshaa@mpiz-kceln.mpg.de
Insert Length: 15 Std Error: 0.00

Plate: 7 row: B column: 02

Seq primer: T7; GraAffACGACTCACTATAGGGC.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                  BQ582543 15-2002 15 bp mRNA linear EST 06-DEC-2002 S013300-024-007-B02-T7 MPIZ-ADIS-024-inflorescence Beta vulgaris cDNA clone 024-007-B02 3-PRIME, mRNA sequence.
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0
Oryza sativa (indica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 15)
Lee,M.C., Shin,Y.C., Lee,T.H., Jeong,S.H., Kim,J.K., Eun,M.Y. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                  Department of Cytogenetics
National Inst. of Agri. Sci. and Tech, RDA
Suwon, Kyunggido, Korea
Tel: 82 331 290 0301
Fax: 82 331 290 0307
Email: myeun@sun20.asti.re.kr.
Location/Qualifiers
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/organism≃"Beta vulgaris"
/mol_type="mRNA"
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"-hes 15; Conservative
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/lab_host="EMDH10B"
/lab_host="EMDH10B"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Wyctor: pGMVSPORT6; Site=1: Sall; Site 2: Notl;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.:chulz@kws.de; cloning sites Sall-Notl, primer sites and
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SP6-SAII-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung: Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"
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Beta vulgaris
Beta vulgaris
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Eukaryota, Viridiplantae, Streptophyta, Embryophyta;
Caryophyllales, Amaranthaceae, Beta.
1 (bases 1 to 15)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
and Radelof,U.
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Contact: Weisshaar B

ADIS DNA core facility at MPIZ

ADIS DNA core facility at MPIZ

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
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Insert Length: 15 Std Error: 0.00
Plate: 19 row: M column: 08
Seq primer: 77; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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/db_xref="taxon:161934"
/clone="024-019-M08"
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1.4%; Score 15; DB 1; Length 15; 100.0%; Pred. No. 1.7e+02;

Query Match Best Local Similarity

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Eukaryotta; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Caryophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylales; Amaranthaceae; Beta.

1 (bases 1 to 15)

2 Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U., Stahl,D., Wruck,W., Menze,A., O'Srien,J., Lehrach,H. and Radelof,U., Stahl,D., Wruck,W., Menze,A., O'Srien,J., Lehrach,H. construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planta. To 15 (5), 845-877 (2002)

Carl-von-Linne Weg 10, 50829 Koeln, Germany
                                                                                                                                                                                                             EST 06-DEC-2002
Beta vulgaris
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| /organism="Beta vulgaris"
| /mol_type="mRNA"
| /cultivar="KWS2320 (double haploid, monogerm breeding line
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/clone lib="MPIZ-ADIS-024-storage root"

/note="vector: pcWVSPORT6", Site.1: Sall; Site.2: Not!;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sall-Not!, primer sites and
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S015086-024-018-L13-SP6 MPLZ-ADIS-024-storage root
cDNA clone 024-018-L13 5-PRIME, mRNA sequence.
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Insert Length: 15 Std Brror: 0.00
Plate: 18 row: L. coluum: 13
Seq primer: SP6; CATACCATTAGGTGACACTATAG.
Location/Qualifiers
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100.0%; Pred. No. 1.7e+02;
ive. 0; Mismatches 0;
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/clone="024-018-L13"
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100.0%; Pre-
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and Radeloff, Content, Managene CDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-867 (2002)

Content Weisshaar B (2002)

Content: Weisshaar B (2002)

ADIS DNA core facility at MPIZ

MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 15 Std Brror: 0.00
Plate: 17 row: F column: 22
Seg primer: T7, GTAATACGATCACTATAGGGC.

Seg primer: T7, GTAATACGATCACTATAGGGC.
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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/lab_host="EMDH10B"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_1: Sall; Site_2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kwm.de; cloning sitem Sall-Not1, primer sitem and
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'Prien,J., Lehrach,H.
      Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes fingerprinting allows access to 25 000 potential sugar beet genes funder: Weisshaar B.
ADIS DNA core facility at MPIZ
ADIS DNA core facility at MPIZ
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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/clone="024-017-F22"
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BQ591223.1 GI:26120806
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1 (bases 1 to 15)
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/clone lib="MPIZTADIS-024-storage root"
/note="Wector: pGWVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
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SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Not1-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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cultivar="KWS2320 (double haploid, monogerm breeding line
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Mukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta, Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales, Amaranthaceae, Beta.
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E012715-024-017-F22-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-F22 3-PRIME, mRNA sequence.
BQ591178
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clone 024-017-N18 3-PRIME, mRNA sequence.
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AUTHORS
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clone="024-019-015"
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Best Local Similarity
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Euryophylalese; Amaranthaceae; Beta.

I (bases 1 to 15)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes fingerprinting allows access to 25 000 potential sugar beet genes contact: Weisshaar Breeding Research

Ands Dan core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 0049221s062851

Email: weisshaa@mpiz-koeln.mgg de
Insert Length: 15 Std Brror: 0.00

Plate: 24 row: M column: 05

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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                    orientation:
SP6-SalI-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
SP6-SalI-CCACGCGTCCG-Sprime-context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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                                                                                                                         /organism="Beta vulgaris"
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Insert Length: 15 Std Error: 0.00
Plate: 17 row: H column: 02
Seg primer: T7; GTAATACGACTCACTATAGGGC.
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                        orientation:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-PolyA-CC-NotI-T7; Note:
SPG-Sull-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GBI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-SalI-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
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(bases 1 to 16)

(bases 1 to 16)

(bridgh, Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Brungowsti, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H., and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
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E012843-024-019-015-T7 MPIZ-ADIS-024-storage root Beta vulgaris

CDNA clone 024-019-015 3-PRIME, mRNA sequence.
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weeg 10, 50829 Koeln, Germany
Email: weisshaa@mpiz-koeln.mpg.de
Insert Ineugth: 16 Std Error: 0.00
Plate: 19 row: 0 column: 15
Seq primer: 17; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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100.0%; Pred. No. 1.7e+02;
tive 0; Mismatches 0;
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                     AZ509929
1M0354A07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0354A07 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="wase=lokb plasmid UUGCIM library" honce="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                               Gaps
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                                                                                                                          Score 15; DB 1; Length 16;
Pred. No. 1.7e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0354 row: A column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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Location/Qualifiers
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AZ509929.1 GI:10691245
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COMMENT

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REFERENCE AUTHORS

AZ509929

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWAPA2 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ316368 29-SEP-2000 1M0034L22F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0034L22 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c g 2 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., iM., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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                                                                                                                                                                 Length 19,
                                                                                                                                                                                                                         0; Indels
                                                                                                                                                       1.4%; Score 15; DB 1; Le
100.0%; Pred. No. 1.8e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                rel: 601 585 5606
Fax: 801 585 7177
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0034 row: L column: 22
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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Mus musculus
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarese gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was ennealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 9 3 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longarce, S., Mahmoud, M., Meenen, E., Pedersen, T., Rose, M., Rose, M., Rose, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                     AZ633741 20 bp DNA linear GSS 13-DEC-200
1M0489G12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0489G12 F, genomic survey sequence.
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                         DB 1; Length 20;
1.9e+02;
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0489 row: G column: 12
Seq primer: CGTTGTAAAACGACGCCAGT
                                                                                                                      Query Match 1.4%; Score 15; DB Best Local Similarity 100.0%; Pred. No. 1.9 Matches 15; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGCIM0489G12"
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAQ2 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ341108 100 21 bp DNA linear GSS 29-SEP-200 1M0073014F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0073014 F, genomic survey sequence.
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                                                                                                                                                                   Length 20;
                                                                                                                                                                1.4%; Score 15; DB 1; Length 20; 100.0%; Pred. No. 1.9e+02; tive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0073 row: O column: 14
Seq primer: GGTGTAAAAGGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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Mus musculus
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Gaps ; 0

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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   adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 21)
1 (bases 1 to 21)
1 (bases 1 to 21)
1 (bases 2)
1 (bases 3)
1 (bases 3)
1 (bases 4)
1 (bases 4)
1 (bases 4)
1 (bases 5)
2 (bann, D., Mener, T., Duval, B., Hamil, C., M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.,
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
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/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWA51vv; Purified genomic DNA from M.
musculus G57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
                                                                                                                                                     Length 21;
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100.0%; Pred. No. 1.9e+02;
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Fax: 801 585 7177
Email: ddunngapenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0232 row: M column: 07
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Seg primer: CACACAGGAAACAGCTATGACC
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Location/Qualifiers
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AZ963501.1 GI:13834728
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es 15; Conservative
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/clone llb="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/60, (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/documents/ The Jackson
(http://www.jax.org/resources/documents/thesy). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gil | 4732114| gp | AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                ALGIBSES 20-FEB-2001 21 bp DNA linear GSS 20-FEB-2001 2M0088KlOR Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0088KlO R, genomic survey sequence. AZ818565
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TTE: 801 585 5606
Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and slected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malam, L., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                             Gaps
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0
                                                                                                                                                  Length 21;
                                                                                                                                                                                                          0; Indels
                                                                                                                                              Score 15; DB 1; Le
Pred. No. 1.9e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0088 row: K column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                      1.4%; Scc.. No. 1...
V 100.0%; Pred. No. 1...
... 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC2M0088K10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus (house mouse)
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                                                                                                                                                                                                          Conservative
                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                       SASE COUNT
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AZ818565
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Best Local Similarity
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                                                                                                                              Query Match
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AW247165/c
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                                                                            BASE COUNT
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TITLE
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nr; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114 gb| AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)

Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 21)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                        AZ331619 21 bp DNA linear GSS 29-SEP-200
1M0059K09R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0059K09 R, genomic survey sequence.
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                                                                                                                         DB 1; Length 21;
1.9e+02;
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Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
                                                                                                                         1.4%; Score 15;
100.0%; Pred. No.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0059K09"
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Location/Qualifiers
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Matches 15; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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                                                                         0 a
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AZ331619
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SOURCE

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Contact: Robert Strausberg,

Contact: Robert Strausberg,

Email: cgapbs-remail.nih.gov

Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PRRED From University of Washingtion Genome Center. Vector

Trimming: cross match from University of Mashingtion Genome Center.

PHRAP suite. Poly-I Identification: patMatch, pl from Berkeley

Drosophila Genome Project. University of Mashingtion Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 17

contiguous PHRED high quality bases following vector sequence.

Low Quality Sequence: Trace file contained 17 contiguous distinct

peaks following vector sequence.

Plate: LLCM2 row: D column: 12

High quality Sequence: Sequence:

High quality Sequence: Sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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//olone lib="Wilk MgC 
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
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National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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/tissue type="small cell carcinoma"
/cell line="MGC3"
/lab_host="DH108 (phage-resistant)"
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1.3%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                              Score 14.8; DB 1;
Pred. No. 2e+02;
                                                                                                                                                                                                                                                                                       2e+02;
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88.9%; Pred. No. zc..
... 0; Mismatches
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/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   1080 TATTAAAAAAAAAA 1097
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AW247165.1 GI:6590158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                     16; Conservative
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5

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114) [pl] ARL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                      BQ586422
S013307-024-013-002-T7 MPIZ-ADIS-024-leaf Beta vulgaris CDNA clone
024-013-002 3-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab host="B. Coli strain XLIO-Gold, Tl-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library"
//note="Tweator: PWH2INY, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0004 row: P column: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Seg primer: CGTTGTAAAACGACGGCAGT
Class: plasmid ends
High quality sequence stop: 19.

    .19
    /organism="Mus musculus"

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGC2M0004P01"
Mus musculus (house mouse)
Mus musculus
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BQ586422.1 GI:26116004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 93.8%
....hes 15; Conservative
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BQ586422/c
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AZ774536
AZ774536.1 GI:12900089
                                                                                                                    DRNAAQC09 Rat DRG Library Rattus norvegicus cDNA clone DRNAAQC09 S', mRNA sequence.
BG673623
BG673623.1 GI:13895722
BG7.3673.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory of Sensory System
Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031, P.R.China
721 We Yang Road, Shanghai 200031, P.R.China
722 Wee Yang Road, Shanghai 200031, P.R.China
723 Wee Yang Road, Shanghai
724 Mail: xu.zhang@ion.ac.cn
725 This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
Pudong New Area, P.R.China. Please contact with Zhang Xu
727 Pudong New Area, P.R.China. Please contact with Zhang Xu
728 PRIMERS
                                                                                                                                                                                                                                                                                                                                                                                       Xiao, H.S., Huang, Q.H., Zhang, F.X., Bao, L., Lu, Y.J., Guo, C., Yang, L., Huang, W.J., Fu, G., Xu, S.H., Cheng, X.P., Yan, Q., Zhu, Z.D., Zhang, X., Chen, Z.G. and Zhang, X., Chen, Z.G. and Zhang, X. Indentification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
                                                                                                                                                                                                                                                                                                        Rattus norvegicus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.3%; Score 14.4; DB 1; Length 1
93.8%; Pred. No. 2.1e+02;
trive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="dorsal root ganglion"
/dev_stage="adult"
/clone_lib="Rat_DRG_Library"
0 g 5 t
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Organism="Rattus norvegicus"

/mol_type="mRNA"
/strain="Sprague-Dawley"
/db xref="taxon:10116"
/clone="DRNAAQC09"
                                                                                                                                                                                                                                                                                        Rattus norvegicus (Norway rat)
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    1084 AAAAAAAAAAAAA 1099
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                             AAAAACAAAAAAAAA 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Zhang Xu
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POLYA=No.
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Matches 15; Conserv
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Page 183

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|db_xref="GABI:184980"
|db_xref="taxon:161934"
|clone="024-009-B02"
                   Plant J. 32 (5), 845-857 (2002)
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                                                          Contact: Weisshaar B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14 AAAAAAAAAAAAA 1
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BQ589191/c
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Beta vulgaris

Bukaryota; viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylales; Amaranthaceae; Beta.

Caryophylales; Amaranthaceae; Beta.

I (bases 1 to 14)

I (bases 1 to 14)

Brungowski,M., Schula,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.

Construction of a 'uniqene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes construction of a 'uniqene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes contact: Weisshaar B ADIS DNA core facility at MPIZ

MAN-Planck-Institute for Plant Breeding Research carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062881

Email: weisshaa@mpiz-keeln.mpg.de

Insert Length: 14 Std Error: 0.00

Plate: 13 row: O column: 02

Seq primer: Try, CTAARAGGACTCACTATAGGGC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /db_xref="caxon:161934"
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/clone_l
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// Organism="Beta vulgaris"
// Mol type="mRNA"
// cultivar="KWS2320 (double haploid, monogerm breeding line
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Papermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
Caryophyllales, Amaranthaceae, Beta.
1 (bases 1 to 14)
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BQ587890/c
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orientation:
SP6-Sall-CCACGCGCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGCCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pl: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"
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                                                                                                                                                                                                                                                                                                                                                                                                               /note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-NotI, primer sites and
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ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215662851
Email: weisshaa@mpiz-koeln.mpg.de
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Plate: 9 row: B column: 02
Seq primer: T7; GTAATACGACTCACTATAGGGC.
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Eukaryota; Viridiplantae; Streptophyta; Eukaryota; Viridiplantae; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylalate; Amaranthaceae; Beta.

1. (Dases 1 to 14)

2. (Dases 1 to 14)

3. (Sahl, D., Wruck, W., Menze, A., O'Brien, M., and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 0.0492115062051
                                                                                                     orientation:
SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
local P1: Dr. Katharia Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/note="wearder from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
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100.0%; Pred. No. 2.2e+02;
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Insert Length: 14 Std Brror: 0.00
Plate: 19 row: K column: 14
Seq primer: 77; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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[1] Cases 1 to 14)

Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Herwig, R., Schulz, B., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B.
                                                                                                                                                                                                                                                                          /note="Vector: pcMVSPORT6; Site 1: Sall, Site 2: Not1; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                         SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung: Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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E012840-024-019-E16-SP6 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-019-E16 5-PRIME, mRNA sequence.
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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Broser Length: 14 Std Brror: 0.00

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EST 06-DEC-2002

Query Match

Matches

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LOCUS DEFINITION

ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

AUTHORS

REFERENCE

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BQ591168/c

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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes L plant J 32 (5), 845-857 (2002)
Contact: Weisshaar B ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: N column: 20
Seg primer: T7; GTAATACGACTCACTATAGGGC.
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SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABL-Beet project,
local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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//coganism="Beta vulgaris"
//mol type="mRNA"
//culTivar="KWS2320 (double haploid, monogerm breeding line
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.echulz@kww.ed; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                     Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
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E012715-024-017-B04-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-B04 3-PRIME, mRNA sequence.
                        BQS91176 1024-017-N20-T7 MPIZ-ADIS-024-storage root Beta vulgaris cDNA clone 024-017-N20 3-PRIME, mRNA sequence.
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

En (bases 1 to 14)

Es (bases 1 to 14)

Es (bases 1 to 14)

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

Construction of a 'unigene' cDNA clone set by oligonucleotide

fingerprinting allows access to 25 000 potential sugar beet genes

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fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062831

Email: weisshaa@mpiz-koeln.mpg.de

Insert Length: 14 Std Error: 0.00

Plate: 17 row: H column: 18

Seq primer: T7; CAPARAGGGCTCACTARAGGGC.
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/lab_host="EMDH10B"
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/note="Vector: pcMVSPORT6; Site_1: Sall; Site_2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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                  1.3%; Score 14; DB 1; Length 14;
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0; Indels
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FEATURES

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Gaps .. EST 06-DEC-2002

Query Match

BASE COUNT

Local

Matches

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RESULT 385

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/note_contact: b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SP6-5811-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-77; Note: Sequencing granted in the context of the GABI-Beet project , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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          Carl-von-Linne Weg 10, 50829 Koeln, Germany
                      Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: B column: 15
Seg primer: T7; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not!, primer sites and
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SP6-Sall-CCAGGCGTCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCAGGCGTCG-Sprime-context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 484-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
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Other ESTS: 2822335.Sprime
Contact: Robert Strausberg, Ph.D.
Bmail: capaba-ramail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLM) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC Clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Mashingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Mashingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: O contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence.

Location/Qualifiers
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
Cocal pri Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
I (bases 1 to 17)
INH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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Beta vulgaries

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatorophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

I (bases 1 to 14)

Staviga.R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Construct: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492121602851

"The core of the control of the c
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/clone="024-028-C03"
/tissue_type="developing root"
/lab host="EWHAIDS"
/clone_lib="WRIZ-ADIS-024-developing root"
/note="Vector: pCWNSPORT6; Site 1: Salf; Site 2: NotI;
/cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                    /lab_host="EMDHIOB" / Colore_lib="MMPIZ-ADIS-024-storage root" / Colore_lib="WHDIZ-ADIS-024-storage root" / Colore_lib="WHDIZ-ADIS-024-storage root" / Colore_lib="WHDIZ-ADIS-024-storage root" / Colore lib="Whostorib of the library provided by KWS Colored library provided by KWS / Calenwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites SalI-NotI, primer sites and orientation:
                                                                                                                                                                                                                                                                                                                                                                            SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-77; Note: Sequencing granted in the context of the GABI-Beet project 'local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14 bp mRNA linear EST 06-DEC-2002 E012375-024-028-C03-SP6 MPIZ-ADIS-024-developing root Beta vulgaris B0593052
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/cultivar="KWS2320 (double haploid, monogerm breeding line
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100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0; Indels
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Insert Length: 14 Std Brror: 0.00
Plate: 28 row: C column: 03
Seq primer: SP6; CATACGAITTAGGTGACATATAG.
Location/Qualifiers
                       db_xref="GABI:188633"
|db_xref="taxon:161934"
|clone="024-017-M04"
|tissue_type="storage_root"
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/organism="Beta vulgaris"
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AUTHORS
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                                                                                                                                                                                                                       AZ465954 linear GSS 04-0CT-2000 1M0276E16F Mouse 10kb plasmid UUGCLM library Mus musculus genomic close UUGCLM0276E16 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacree, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab host="B. Coli strain Xil0-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Win. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
     Gaps
  ·;
  Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0276 row: E column: 16
Seq primer: GGTGTABABAGGAGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
Mismatches
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/mol_type="genomic DNA"
/strain="C57BL/60"
/db_xref="taxon:10090"
/clone="UUGC1M0276E16"
                                                                                                                                                                                                                                                                                                                                                                         Mus musculus (house mouse)
Mus musculus
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Conservative
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Fax: 801 585 7177
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1.3%; Score 14; DB 1; Length 19; 1000.0%; Pred. No. 2.4e+02;

Best Local Similarity

Query Match

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114 [pb] AR129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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1 (bases 1 to
                                                                                                                                                                                                                                                                                                                                                                                AZ766990 19 bp DNA linear GSS 16-FEB-200 1M0564H19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic Cone UUGC1M0564H19 R, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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University of Utah Genome Center
University of Utah
Rm. 30s biomedical Polymers Research Bldg., 20
84112, USA
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Insert Length: 10000 Std Error: C
Plate: 0564 row: H column: 19
Seg primer: CACACAGAAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
/db xref="taxon:10090"
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Fax: 801 585 7177
Email: ddunn@genet
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A2950028 19 bp DNA linear GSS 27-APR-2001
2M0213L19R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0213L19 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab_host="E" coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC2M library" /clone_Thote="Yector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0213 row: L column: 19
Seg primer: CACACAGGAAACAGCTATGACC
          Mismatches
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/organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:10090"
/clone="UUGC2M0213119"
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Location/Qualifiers
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Mus musculus
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                                                          1084 AAAAAAAAAAA 1097
                                                                                                         14 AAAAAAAAAAAAA 1
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          14; Conservative
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Fax: 801 585 7177
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AZ950028
          Matches
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SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Winversity of Utah
84112, USA
       ;
                                                                                                                                                                                                                                GSS 21-FEB-2001
                                                                                                                                                                                                                                                                                                                                                                   Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Ciurognathi; Muridae; Murinae; Mus.

(bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                          AZ856873 19 bp DNA linear GSS 21-FEB-200 2M0161019F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0161019 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab host="E. Coli strain XLI0-Gold, Tl-resistant, F-" /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/67 (male) was obtained from the Jackso
       Gaps
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     Indels
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100.0%; Pred. No. 2.4e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0161 row: O column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plaamid ends
High quality sequence stop: 19.
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  Mismatches
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'strain="C57BL/6J"
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                                               1084 AAAAAAAAAAA 1097
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14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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AZ856873/c
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VERSION
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(http://www.jax.orgyresources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|q192144 gp)la129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampiciblin resistance."
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VERSION KEYWORDS SOURCE ORGANISM

ACCESSION

AUTHORS TITLE JOURNAL COMMENT

REFERENCE

AW246446/c DEFINITION

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Other ESTS: 2820605.Sprime
Contact: Robert Strausberg, Ph.D.
Bmail: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLM) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC Clone distribution information can
be found through the I.M.A.G.E. Consortium/LINLat:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRRD from University of Washingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Mashingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 0 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a XhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Location/Qualifiers
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/cell line="MGC3"
/lab_host="DHIOB (phage-resistant)"
/clone lib="NHI MGC 7"
/clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2821637.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821637.3r, mRNA sequence.
AW246451
AW246451.1 GI:6589444
                                                                                     AW247949 17 bp mRNA linear EST 07-JAN-2000 2820605.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820605 3',
                                                                                                                                                                                                                                                                                                                                                                              Bukaryotan Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. I (bases 1 to 17). Mark McC http://mgc.nci.nih.gov/.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2820605"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1084 AAAAAAAAAAAAA 1100
                                                                                                                                                                                                                                        AW247949.1 GI:6591037
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                                                                                                                                                                                                                                                                                                             Homo sapiens (human)
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Best Local Similarity 88.2%
Marches 15; Conservative
                                                                                                                                                          mRNA sequence.
AW247949
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                                    AW247949/c
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DEFINITION
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AW246451/c
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AUTHORS
TITLE
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Unpublished
Other ESTS: 2821601.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LiML) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found throughthe I.M.A.G.E. Consortium/Lilla at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector Trimming: cross_match from University of Washingtion Genome Center. PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Trimming: cross_match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Trimming cross_match from University of Washingtion Genome Center:
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Trimming quality bases following vector sequence. 9 contiguous following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the Plate: LLCM7 row: D column: 18
High quality sequence stop: 9
Iocation/Qualifiers
Iocation/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"
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/clone lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site_1: XhoI; Site_2: BcoK; cDNA made by oligo-dT priming. Directionally cloned into Ecotl XhoI sites using the following 5 adaptor: GGCACGAG(G). Size-selected >SOODp for average insert size 1: 8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using Zah-cDNA synthesis Xit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                 AW246446
17 bp mRNA linear EST 07-JAN-2000
2821601.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821601 3',
mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia; Butheria; Primates; Catarrhini, Hominidae, Homo.
1 (bases 1 to 17)
NIH-WGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Gaps
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                                                                 1084 AAAAAAAAAAAA 1097
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14; Conservative
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Unpublished
Contact: Obhnston M
Department of Genetics
Washington University Medical School
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                                                                                                                                                                           Contact: Robert Strausberg, Ph.D.

Email: cgapbs-remail.nih.gov
    Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
    Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
    Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
    project Clone distribution: MGC clone distribution information can
    be found through the I.M.A.G.E. Consortium/LLNL at:
    www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
    Scores: PRRED from University of Washingtion Genome Center. Vector
    Trimming: cross match from University of Washingtion Genome Center.
    Drosophila Genome Project. University of Washingtion Genome Center:
    http://www genome.washington.edu Low Quality Sequence: 9 contiguous
    PHRED high quality bases following vector sequence: Very Low
    Quality Sequence: Trace file contained 18 contiguous distinct peaks
    following vector sequence. Polyadenylation: Based upon the presence
    of a Xhol site followed by a run of 14 or more T residues at the
    plate: LLCM7 row: F column: 6
    High quality sequence stop: 9.
    incation/Qualifiers
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2821585.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821585 3',
MRNA sequence.
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                                        Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Butheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 18)
NIH-WGC http://mgc.nci.nih.gov/,
National Institutes of Health, Mammalian Gene Collection (MGC)
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1 (bases 1 to 18)

NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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/organism="Homo sapiens"
                                                                                                                                                                Other_ESTs: 2821637.5prime
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sapiens (human)
sapiens
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  SOURCE
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Contact: Accordant: Action Strain.

Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGG sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Lubin at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. Poly-T identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 18
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 18 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
plate: Italy
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Cliften, P.F., Hillier, L.W., Fulton, L., Graves, T., Miner, T., Gish, W.R., Waterston, R.H. and Johnston, M.
Surveying Saccharomyces genomes to identify functional elements by comparative DNA sequence analysis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone_lib="WIND MGC 7"
/clone_lib="WIND MGC 7"
/note="Organ: lung; Vector: pOTB7; Site_1: XhoI; Site_2:
Decol; ODA made by oliqo-dT priming. Directionally
cloned into BCORI/XhoI sites using the following 5'
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."

1 c 0 g 16 t
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8.2%; Pred. No. 2.5e+02;
ve 0; Mismatches 2; Indels
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'organism="Homo sapiens"
'mol_type="mRNA"
'db_xref="texon:9606"
'clone="INAGE:2821585"
'tissue_type="small cell carcinoma"
'cell line="MGC3"
'lab_host="MHOS"
'lab_host="m108" (phage-resistant)"
Other ESTs: 2821585.5prime
Contact: Robert Strausberg, Ph.D.
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High quality sequence stop: 18.
Location/Qualifiers
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a
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/clone_lib="Mouse_10kb plasmid UGGCIM library"
/note="Vector: PWD4ZLN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ611602.1 GI:11733792
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Best Local Similarity 88.2
Matches 15; Conservative
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AZ611602/c
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1M0080F06F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
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                                                                                                                                                                                                               /db_xref="taxon:114525"
/clone="4906.ic27n17.s1"
/clone_lib="Saccharomyces mikatae_IFO 1815"
/note="Random genomic sequence"
Box 8232, 4566 Scott Ave., St. Louis, MO 63110, USA Tel: 314 362 2735 Fax: 314 362 7855 Email: m@@genetics.wustl.edu Class: random plasmid subclone. Location/Qualifiers

    18
    Organism="Saccharomyces mikatae"
/mol type="genomic DNA"
/strain="IPO 1815"

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Insert Length: 10000 Std Error:
Plate: 0080 row. F column: 06
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                 1082 TTAAAAAAAAAAA 1098
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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SOURCE
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedereen, T., Reilly and Wright, D., Weise, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.

Undonse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
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1M0438G03F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0438G03 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0438 row: G column: 03
Seg primer: CGTTGTAAAACGACGACCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
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/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC1M0438G03"
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Mus musculus
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide Kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 Kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|472114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/G (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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2M0008E01R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0008E01 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Wew. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                      1.3%; Score 13.8; DB 1; Length 19; 88.2%; Pred. No. 2.6e+02; Live 0; Mismatches 2; Indels
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Seq primer: CACACAGGAAACAGCTATGACC
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/mol type="genomic DNA"
/strain="C57BL/64"
/db_xref="taxon:10090"
/clone="UUGC2M0008E01"
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Best Local Similarity
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AZ775624
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COMMENT

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was blunt end-repaired with T4 DNA polymerase and T4 polymurcleotide Kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored for ample illin resistance."
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University of Utah Genome Center
University of Utah
Wm. versity of Utah
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ786336 100 DNA linear GSS 16-FEB-2001 UM0031H17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, R., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Dunouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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88.2%; Pred. No. 2.6e+02;
iive 0; Mismatches 2;
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0031 row: H column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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/clone="UUGC2M0031H17"
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Mus musculus
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Best Local Similarity 88.28
Matches 15, Conservative
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (Dass 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
0.005 inch orifice at constant velocity. The sheared DNA
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/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UTGCIM library"
/note="Tock: FMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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/clone="UUGC2M0036L22"
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Location/Qualifiers
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Fax: 801 585 7177
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Unpublished
Other ESTS: 2821507.5prime
Contact: Robert Strausberg, Ph.D.
Email: Capabbe-rawmail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboracory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNI) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LINL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PREDE from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center. PREAP suite. Poly-T identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center.
http://www.genome.washington.edu Low Quality Sequence: 10
contiguous PREDE high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 16 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
nolvadenylated
0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase and T6 polymerase and T6 polymerase and T7 polymerase
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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/db_xref="taxon:9606"
/clone="IMAGE:2821507"
/tissue_type="small cell carcinoma"
/cell line="MGG"
/lab host="DHIOB (phage-resistant)"
/clone_lib="NIH_MGC_7"
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Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remain. DrDL/Drp cDNA Library Preparation: Ling
Email: cgapbs-remain. DrDL/Drp cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PREDE from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Mashingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
brosophila Genome Project. University of Mashingtion Genome Center:
Drosophila Genome Project. University of Mashingtion Genome Center:
Contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 18 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
at the beginning of the sequence, this CDNA insert was
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/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: BCoRI; cDNA made by oligo-dT priming. Directionally cloned into BcoRI, XhoI sites using the following 5' adaptor: GGCGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Straagene) and Superscript II RT (Life Technologies)."
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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High quality sequence stop: 10.
Location/Qualifiers
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/db_xref="taxon:9606"
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TITLE
JOURNAL
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KEYWORDS
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COMMENT

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FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymerase at 74 polymerase and 74 polymerase are 4.0 polymerase and 74 polymerase to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214 qb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
         ZAP-cDNA synthesis kit
II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ331082
1M0056C13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0056C13 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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0
                                                                                                                        Length 18;
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Pred. No. 2.8e+02;
0; Mismatches 1;
California, Berkeley) using (Stratagene) and Superscript 1 c 1 g 10 t
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Insert Length: 10000 Std Error: 0
Plate: 0056 row: C column: 13
Seg primer: CACACAGAACAGGTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/64"
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/clone="UUGC1M0056C13"
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Location/Qualifiers
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Fax: 801 585 7177
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AZ807609.1 GI:12972127
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84112, US
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                                                                                                    Query Match
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chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance." _{\rm 1} _{\rm 2} c _{\rm 0} g _{\rm 4} t
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/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
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/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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84112, USA
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                                                                                               Length 19;
                                                                  1.2%; Score 13.4; DB 1; Length 1:
93.3%; Pred. No. 2.9e+02;
Mismatches 1; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0391 row: I column: 15
Seq primer: GGTGTAAAACGACGGCCAGT
Class: plasmid ends
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'organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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Best Local Similarity
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinsse. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GSS 20-FEB-2001
chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 3\ c 8\ g 5\ t
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Aoyagi, M., Rose, M., Mennoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0070M03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                   Gaps
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                                                                                                                                 ch 1.2%; Score 13.4; DB 1; Length 19; l Similarity 93.3%; Pred. No. 2.9e+02; 14; Conservative 0; Mismatches 1; Indels
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Fax: 801 585 7177
East: 401 685 7177
Ensert Length: 10000 Std Error: 0.00
Plate: 0070 row: M column: 03
Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
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Thu Jan

BASE COUNT

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Enterayouta; Viridiplantae: Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; endicotyledons; core endicots; Grayophylales; Amaranthaceae; Beta.

(Exyophylales; Amaranthaceae; Beta.

1 (bases 1 to 13)

Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Construction of a 'unigene' cDNA clone set by oligonucleotide plant J 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at MDIZ

Max-Plantd-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany

Email: weisshaa@mpiz-koeln.mpg.de

Insert Length: 13 Std Error: 0.00

Plate: 15 row: I column: 22

Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                    BQ589180 13 bp mRNA linear EST 06-DEC-2002 S014009-024-015-I22-T7 MPIZ-ADIS-024-storage root Beta vulgaris con clone 024-015-I22 3-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Beta vulgaris"
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/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /tissue type="storage root"
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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100.0%; Pred. No. 2.9e+02;
ive 0; Mismatches 0; Indels
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BQ589180.1 GI:26118763
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Matches 13, Conservative
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BQ583549.1 GI:26113126
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/clone lib="WRIEZ-ADIS-024-inflorescence"
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/clone lib="WRIEZ-ADIS-024-inflorescence"
/clone lib="WRIEZ-ADIS-024-infloresce
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

(bases 1 to 13)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 485-857 (2002)
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SP6-Sall-CCACGCGCCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 3 c 9 g 5 t
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| Cultivar="KW82320 (double haploid, monogerm breeding line
| "
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                                                                                                                                                     Length 19;
                                                                                                                                          1.2%; Score 13.4; DB 1; Length 1 93.3%; Pred. No. 2.9e+02; 1ve 0; Mismatches 1; Indels
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100.0%; Pred. No. 2.9e+02;
ive 0; Mismatches 0; Indels
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MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215662851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 5 row: C column: 14
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
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/organism="Beta vulgaris"
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                                                                                                                                          Query Match
Best Local Similarity 93.3
Matches 14; Conservative
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Best Local Similarity 100.0
Matches 13, Conservative
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VERSION KEYWORDS SOURCE ORGANISM

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TITLE

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RESULT 410 BQ583549 DEFINITION

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           Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Eukaryota; Viridiplantae; Streptophyta; Eukaryota; Viridiplantae; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylalate; Amaranthaceae; Beta.

E (Tayophylalate; Amaranthaceae; Beta.

I (Dases 1 to 13)

S Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

Consgruction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone lb= WRDIZ-ADIS-024-storage root"
/note="Wector: pGWVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA lbbrary from sugar beet, llbrary provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-77; Note: Sequencing granted in the context of the GABI-Beet project 'notal Pri Dr. Katharina Schneider, coordinator: Prof. Christian Jung: Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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2822740.3prime NIH_MGC_7 Homo sapiens CDNA clone IMAGE:2822740 3',
mRNA sequence.
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NIH-MGC http://mgc.nci.nih.gov/.
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
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                                                                                                                                                                                                                                                                                                                          Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 19 row: G column: 12
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
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100.0%; Pred. No. 2.9e+02;
ative 0; Mismatches 0;
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/lab_host="EMDH10B"
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/db_xref="taxon:161934"
/clone="024-019-G12"
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Homo sapiens
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Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PRRD from University of Washingtion Genome Center. Vector Trimming: cross match from University of Washingtion Genome Center. PRRAP suite. Poly-I Identification: patMatch.pl from Berkeley Drosophina Genome Project. University of Washingtion Genome Center: http://www-genome.washington.edu Low Quality Sequence: 6 contiguous PHRED high quality bases following vector sequence: 6 contiguous phRED high quality bases following vector sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the beginning of the sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the Patter: LLCM10 row: D column: 5 High quality sequence stop: 6.
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Contact: Robert Strausberg, Ph.D.
Email: cgapbs.remail.nih.gov
Tissue Procurement: DrID/DTP cDNA Library Preparation: Ling
Tissue Procurement: DrID/DTP cDNA Library Preparation: Ling
Tissue Procurement: DrID/DTP cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LINL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LiNL at:
www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: cross_match from University of Washingtion Genome Center
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 18)
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National Institutes of Health, Mammalian Gene Collection (MGC)
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PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila denome Project. University of Washingtion Genome Center: http://www.genome.washington.edu.low Quality Sequence: 9 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence. Trace file contained 18 contiguous distinct peaks of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, Polyadenylation: Based upon the presence beginning of the sequence, this cDNA insert was polyadenylated. High quality sequence stop: 9.
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: W. Douglas Figg, Ph.D., Paul H. Duray, M.D.,
Rodrigo F. Chuaqui, M.D., Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: David B. Krizman, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NI-GAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AA937877 16 bp mRNA linear EST 30-APR-1998
nw90e06.sl NCI_CGAP_Pr12 Homo sapiens cDNA clone IMAGE:1253890
similar to TR:Q35989 Q35989 CYTOCHROME C OXIDASE SUBUNIT 1 ;, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site_1: Xho1; Site_2:
EcoR1; CDNA made by oligo-dT priming. Directionally—
cloned into EcoRIXAoI sites using the following 5;
adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

a 1 c 1 g 15 t 1 others
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1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="texon:9606"
/clone="INAGE:2821566"
/tissue type="small cell carcinoma"
/cell_line="MGG3"
/lab_host="mHom" (phage-resistant)"
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Seq primer: -40ml3 fwd. BT from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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Homo sapiens
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1. .16

source

FEATURES

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Other BSTS: 2820717.5prime
Contact: Robert Strausberg, Ph.D.
Bmail: cgapbs.remail.hih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLML) DNA Sequencing by: Brekeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Libra at:
www-bio.llhi.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: Cross_match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: Ocntiquous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained IT contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a Xhol site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Location/Qualifiers
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17 bp mRNA linear EST 07-JAN-2000
2820717.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820717 3',
mRNA sequence.
                                                                                                   /tissue_type="metastatic prostate bone lesion"
/lab host="DHIOB"
/clone_lib="NCI_CGAP_Pr12"
/note="Vector: pAMPIO; mRNA made from metastatic prostate
lesion of the bone, cDNA made by oligo-dT priming.
Non-directionally cloned. Size-selected on agarose average insert size 600 bp. Library made by D. Krizman,
NIH."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 17)
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National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1253890"
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                                                                             /sex="male"
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Best Local Similarity 87.57
Matches 14; Conservative
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TITLE
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us09904568-1.rst

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Unpublished

Other ESTS: 2820844.5prime

Contact: Robert Strausberg, ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.B.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC Clone distribution information can

be found through the I.M.A.G.B. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PRED from University of Washingtion Genome Center. Vector

Trimming: cross match from University of Washingtion Genome Center.

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophila Genome Project. University of Washingtion Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 15

contiguous PHRED high quality bases following vector sequence. Very

Low Quality Sequence: Trace file contained 16 contiguous distinct

peaks following vector sequence. Polyadenylation: Based upon the

presence of a XhoI site followed by a run of 14 or more T residues

at the beginning of the sequence, this cDNA insert was
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/cell line="MGG3"
/lab Tost="MGG3"
/lab Tost="DH108 (phage-resistant)"
/clone lib="NNIH MGC 7"
/clone lib="NNIH MG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16 bp mRNA linear EST 07-JAN-2000 2820844.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820844 3', AW248540
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adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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/organism="Homo sapiens"
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Plate: LiCMS row: E column: 5
High quality sequence stop: 15-
Location/Qualifiers
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/db_xref="taxon:9606"
/clone="IMAGE:2820844"
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Best Local Similarity
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AW248540/c
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KEYWORDS
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Contact ESTS: 2822994.5prime
Contact ESTS: 2822994.5prime
Contact ESTS: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LINI) DNA Sequencing by: Berkeley MGC Sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Lini at:
www-bio.llnl.gov/bbrp/mage/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: parkatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
PHRED high quality bases following vector sequence: 0 contiguous
Quality Sequence: Trace file contained 17 contiguous distinct peaks
plate: I.D.M.O. vol. 16
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/ db_xref="taxon:9606"

/ db_cref="taxon:9606"

/ dbc="mRARAB:1822994"

/ tissue_type="small cell carcinoma"

/ cell line="MGGS:" line="mGGS"

/ lab_nost="mBHOB" (phage-resistant)"

/ clone="Crgan: lubHOB" (phage-resistant)"

/ note="Crgan: lubHOB" (phage-resistant)"

/ note="Crgan: lubHOB" (phage-resistant)"

/ note="Crgan: lubHOB" (phage-resistant)"

/ clone="Crgan: lubHoB" (phage-resi
                                                                                                                                                                                                                                                                                                                                                                                                                                   AW245664 10-JAN-2000 2822994.3prime NIH_MGC_7 Homo sapiens CDNA clone IMAGE:2822994 3', mRNA sequence.
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NIH MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                Gaps
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        Length 16;
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                                                                                           1; Indels
Query Match
1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1;
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Location/Qualifiers
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Best Local Similarity 92.9
Matches 13; Conservative
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Page 201

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Xiao, H.S., Huang, Q.H., Zhang, F.X., Bao, L., Lu, Y.J., Guo, C., Yang, L., Huang, W.J., Fu, G., Xu, S.H., Cheng, X.P., Yan, Q., Zhu, Z.D., Zhang, X., Chen, Z., Hanz, Z.G. and Zhang, X.
Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              This clone is also available at Chinese National Human Genome Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park, Budong New Area, P.R.China. Please contact with Zhang Xu (Xu.zhangeion.ac.cn) or Han Zeguang (hanzgechgc.sh.cn)
                                                                                                                                                                  Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Zhang Xu
Laboratory of Sensory System
Institute of Neuroscience
102 Year grad, Shanghai 200031, P.R.China
Tel: 86-21-6474870-121
Fax: 86-21-64713446
Email: xu.zhang@ion.ac.cn
                                                                                                   Rattus norvegicus (Norway rat)
                                 GI:13890865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="male"
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POLYA=No.
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BACKWARD: T7
                             3G668943.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Other BSTS: 2821879.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbe-remail: DCTD/Drp cDNA Library Preparation: Ling
Email: cgapbe-remail: DCTD/Drp cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Mashingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center.
Contiguous PHRED high quality bases following vector sequence: 13
contiguous PHRED high quality bases following vector sequence. Very
peaks following vector sequence. Polyadenylation: Based upon the
at the beginning of the sequence, this cDNA insert was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
//organism="Homo sapiens"
//do_xref="taxon:9606"
//do xref="taxon:9606"
//clone="IMAGE:2821879"
//tlsue type="small cell carcinoma"
//cell Inne="MGG3"
//lab host="MGG3"
//coll line="MGG3"
//coll li
                                                                             AW246528
2821879.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821879 3',
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1 (bases 1 to 17)

1MH-MG http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           polyadenylated.
Plate: LLCM7 row: P column: 8
High quality sequence stop: 13.
Location/Qualifiers
                                                                                                                                                                                                               AW246528.1 GI:6589521
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                                                                                                                                                    mRNA sequence.
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Matches 13; Conserva
                                                                                                                                                                                     AW246528
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RESULT 419
                                            AW246528/c
                                                                                                       DEFINITION
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BQ582536
S013300-024-007-P01-T7 MPIZ-ADIS-024-inflorescence Beta vulgaris
CDNA clone 024-007-P01 3-PRIME, mRNA sequence.
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Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophylales, Amaranthaceae, Beta.

1 (bases 1 to 12)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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0
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100.0%; Pred. No. 3.7e+02;
tive 0; Mismatches 0; Indels
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0 g 0 t
                     1..12
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/db_xref="taxon:10116"
/clone="DRN03E05"
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BQ582536.1 GI:26112113
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BG668943 12-App. mRNA linear EST 30-App.-2001 DRN03BG5 Rat DRG Library Rattus norvegicus cDNA clone DRN03E05 5', mRNA sequence.

DEFINITION

BG668943

à

ACCESSION

us09904568-1.rst

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Beta vulgaris

Beta vulgaris

Beta vulgaris

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Beta.

Caryophyllales; Amaranthaceae; Beta.

I (bases 1 to 12)

S Herwig, K., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

Construction of a 'unigene' cDNA clone set by oligonucleotide

fingerprinting allows access to 25 000 potential sugar beet genes

Construct: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de

Insert Length: 12 Std Error: 0.00

Plate: 24 row: E column: 05

S Seq primer: T7; GTAATRCGACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                orientation:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 0 c 0 g 12 t
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/lab_host="EMDH108"
/clone_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pcMVSPORT6; Site_1: Sall; Site_2: Notl;
cDNA_library from sugar beet, library provided by KMS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
                                                                          /mol_type="mRNA" _ _- |
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BQ594698 12 bp mRNA linear BST 06-DEC-2002 E012404-024-024-E05-T7 MPIZ-ADIS-024-developing root Beta vulgaris cDNA clone 024-024-E05 3-PRIME, mRNA sequence.
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/organism="Beta vulgaris"
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100.0%; Pred. No. 3.7e+02;
cive 0; Mismatches 0; Indels
                           1. .12
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                                                                                                                                                                                /db_xref="taxon:161934"
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/clone="024-024-E05"
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 12)

S Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone lib="MPIC-ADIS-024-inflorescence"
/clone lib="MPIC-ADIS-024-inflorescence"
/note="Vector: PCMVSPORT6; Site 1: Salf; Site 2: Not1;
CDNA library from sugar beet, library provided by KMS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      orientation:
SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pf: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                   /mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm breeding line
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DOS80719

BOS80719
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Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 12 Std Error: 0.00
Plate: 7 row: Prolumn: 01
Seq primer: T7; GTAATAGGACTCCTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.1%; Score 12; DB 1; Length 12;
100.0%; Pred. No. 3.7e+02;
iive 0; Mismatches 0; Indels
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Insert Length: 12 Std Error: 0.00
Plate: 14 row: P column: 24
Seq primer: T7; GTANTACGACTCACTATAGGGC.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                           |db_xref="GABI:184167"
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|lab_host="EmDH10B"
                                                                                                                                                                                                                                                                                                                          organism="Beta vulgaris"
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Plate: LLCM8 row: I column: 3
High quality sequence stop: 14.
Location/Qualifiers
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                     Query Match
Best Local Similarity 100.0
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AUTHORS
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Construction of a 'unigene' cDNA clone set by oligomucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
fingerprinting allows access to 25 000 potential sugar beet genes
Contact: Weisshaar B.

ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linns Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: Weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 16 row: C. coluun: 15
Seq primer: SP6; CATACGATTTAGGTGAACTATAG.

Location/Qualifiers
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/tissue_type="storage root"

/lab_host="EMDH108"

/clone_lib="MPIZ-ADIE-024-storage root"

/dnote="Wector: pCWWSPORT6; Site_1: Sall; Site_2: Not!;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sall-Not!, primer sites and
/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Not1; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EST 06-DEC-2002
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                                                                                                                                       project
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Not1-T7; Note:
Squencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 0 c
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100.0%; Pred. No. 3.7e+02;
ive 0; Mismatches 0; Indels
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/db Zxtef="taxon:9606"

/clone="IMAGE:2822090"

/clone="IMAGE:2822090"

/cell line="MGG3"

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/clone lib="MNIH MGC 7"

/clone lib="NNIH MGC 7"

/clone lib="NHIH MGC 7"

/clone lib="MGC 7"

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2822090.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822090 3',
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1 (Dases 1 to 15)
NIH-MGC http://mgc.nci.nih.gov/.
NIH-MGC http://mgc.nci.nih.gov/.
Oxidonal Institutes of Health, Mammalian Gene Collection (MGC)
Other ESTS: 2822090.5prime
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                          Gaps
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100.0%; Pred. No. 3.9e+02;
vative 0; Mismatches 0; Indels
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12

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RESULT 426

BQ591425

DEFINITION

ACCESSION

VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS

JOURNAL

TITLE

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/organisms="Sus scrofa"
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Site_1: Not1; Site_2: EcoR1; sequence 5' of the insert
(5'-NNN. NNNinsert)
GCGAATTGGAGTGCCGCGCCGCGCTCGAG. Sequence 3' of
the inserts (AAGATTCCAATATCAAGCTTAATCCAACCTCGAC.
non-normalized library, sequenced 3' with MI3R primer."
0 a 1 c 1 g 13 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Minilibraries constructed from cDNA generated by arbitrarily primed RT-PCR: an alternative to normalized libraries for the generation of ESTS from nanogram quantities of mRNA Gene 186 (1), 135-142 (1997)
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/note="A mini-library was made by cloning products derived
from RNA-arbitrarily primed PCR (RAP PCR) profiles into
the PUC 18 vector. Reverse transcription of adult worm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                L76129 SCMRAP0223 G2/KS adult worm mini-library Schistosoma mansoni cDNA clone SMRAP0223, mRNA sequence.
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Eukaryota; Metazoa; Platyhelminthes; Trematoda; Digenea;
Strigaidida; Schistosomatoidea; Schistosoma.
1 (bases 1 to 15)
Neto.B.D., Harrop, R. Correa-Oliveira, R. Wilson, R.A., Pena, S.D. and
Simpson, A.J.G.
                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Cetartiodactyla, Suina, Suidae, Sus.

1 (bases 1 to 15)
Adelson, D.L. and Gill, C.A.
Porcine ESTs
Unpublished
                                                                                                                                                                                                                                  Contact: David L. Adelson
Animal Breeding and Genetics
Texas A&M University
Animal Science Dept., TAMU-2471, College Station, TX 77843-2471,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Neto,E.D., Harrop,R., Correa-Oliveira,R., Wilson,R.A.,
Pena,S.D. and Simpson,A.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.1%; Score 11.8; DB 1; Length 15; 86.7%; Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           86.7%; Pred. Newtches
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/db_xref="taxon:6183"
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                                                                                                                                                                                                                                                                                                                                                          Tel: 9798452616
Fax: 9798456970
Email: david.adelson@tamu.edu.
Location/Qualifiers
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Matches 13; Conservative
                                       Sus scrofa (pig)
Sus scrofa
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ORGANISM
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AUTHORS
TITLE
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AUTHORS
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1 (bases 1 to 16)

1 (bases 1 to 16)

2 In (bases 1 to 16)

3 Envig.R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelofiu.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes contact: Weisshaar B ADIS DNA core facility at MPIZ

MAN-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="GABI:188698"
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/tissue_type="storage root"
/lab_host="EMDH108"
/clone_lib="MIZ-ADBS-024-storage root"
/note="Vector: pCWVSPORT6; Site_1: Sall; Site_2: NotI;
cDNA_library_from_sugar_beet, library_provided_by_KWS
Kleinwanzlebener_Saatzucht_AG_Binbeck, Germany, contact:
b.schulz@kws.de; cloning_sites_Sall-NotI; primer_sites_and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Orientation:
SP6-Sall-CCACGCTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP4cencing granted in the context of the GABI-Beet project
Charletian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                            EST 06-DEC-2002
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E012712-024-017-C11-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-C11 3-PRIME, mRNA sequence.
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LZV602768445.Rl CSEQFXL37 pig adrenal Sus scrofa cDNA, mRNA
sequence.
BM658732. GI:18959003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 17 row: C column: 11
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
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TTAAAAAAAAA 1
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Best Local Similarity
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12;

Matches

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BASE COUNT

RESULT 427 BM658732/c DEFINITION

ACCESSION VERSION

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Gaps

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AI798250.1 GI:5363722
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                                   865 ATGAGCCCAACTCCA 879
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                                                                              1 Argagecaaacreca 15
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Homo sapiens
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Best Local Similarity 86.73
Matches 13; Conservative
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/lab_host="DH10B (phage-resistant)"
/clone lib="NCI CGAP Lu19"
/clone lib="NCI CGAP Lu19"
/note="Organ: lung; Vector: pT713D-pac (Pharmacia) with a modified polylinker; lst strand cDNa was prepared from pooled lung tumor tissue, and was then primed with a Not I oligo(dT) primer. Double-stranded cDNa was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.
                                                                                                                                                                                                                                                                                                                             AISB2256 16 bp mRNA linear EST 14-DEC-1999 tq65f03.x1 NCI CGAP Lu19 Homo sapiens cDNA clone IMAGE:2213693 3' similar to TR:000204 000204 HYDROXYSTERCID SULFOTRANSFERASE HSST2A. [1]; contains PTRS.t3 PTR5 repetitive element; mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: cgapbs-remail.mih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
DNA Sequencing by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-GGAP clone distribution information can be
www-bio.llnl.gov/bbrp/image/image.html
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
mRNA was primed with G2and subsequent PCR amplification was performed in the presence of primer KS" _3\ c _7\ g _5\ t
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/tissue_type="squamous cell carcinoma, poorly
differentiated (4 pooled tumors, including primary and
                                                                                                                                              Gaps
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                                                                                  Query Match 1.1%; Score 11.8; DB 1; Length 15; Best Local Similarity 86.7%; Pred. No. 4.1e+02; Matches 13; Conservative 0; Mismatches 2; Indels
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1.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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                                          BASE COUNT
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TITLE
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KEYWORDS
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AI798250
tr32b08.xl NCI_CGAP_Ov23 Homo sapiens CDNA clone IMAGE:2219991 3'
similar to TR:079354 079354 CYTOCHROME OXIDASE SUBUNIT III.;, mRNA
                                                                                                                                                                                                                                                                                                                                                                                 Email: cgapbe-remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E., Consortium/Link at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16 bp mRNA linear EST 07-JAN-2000 2822905.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822905 3', mRNA sequence.
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                                                                                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Euthoria, Primates; Catarrhini, Hominidae, Homo.
1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.1%; Score 11.8; DB 1;
86.7%; Pred. No. 4.2e+02;
iive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Trace considered overall poor quality
Seg primer: -400P from Gibco
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D.
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0438 row: G column: 03
Seg primer: CGTYCTAAAACGACGGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/61"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC1M0438G03"
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                     Rose, M., Rose, R.,
                                               and Wright, D., Weiss, R.
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Best Local Similarity 77.8
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                     Unpublished
                                                                                                                                                                                                                                                                                                                      USA
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KEYWORDS
SOURCE
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                                                                                TITLE
                                                                                                                                                                                          COMMENT
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                                                                                                                                                                                                                          Contact: Robert Strausberg, Ph.D.

Email: Gapbb-ramail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LINL) DNA Sequencing by: Barkeley MGC Sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNI at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PRRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. Pollyr Identification: parkatch, pi from Barkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 15
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 16 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
ploydenylated.
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| Organism="Homo sapiens"
| Anol_type="mRNA"
| Ab_xref="taxon:9606" |
| Ab_xref="taxon:9606" |
| Ab_cone="IMAGE:2822905" |
| Ab_cone="IMAGE:2822905" |
| Ab_cone="MGG" |
| Ab_cone="MG" |
| Ab_cone="MGG" |
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       Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
II (Dases 1 to 16)
INH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19 bp DNA linear GSS 13-DEC-200
1M0438G03F Mouse 10kb plasmid UGCIM library Mus musculus genomic
clone UUGCIM0438G03 F, genomic survey sequence.
AZ611602
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Location/Qualifiers
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Best Local Similarity
Matches 13; Conserv
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ORGANISM
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114[gb]AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and puzified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ331082

1M0056C13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0056C13 R, genomic survey sequence.
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Musi
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
Stokes, R., Tingey, A., von Niederhausern, A.
                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 3009, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Std Error: 0.00 column: 03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
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Contact: Robert Strumberg, Ph.D.

Email: cgapbs-remail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project close distribution: MGC close distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PRRED from University of Washingtion Genome Center. Vector

Trimming: cross match from University of Mashingtion Genome Center

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophia Genome Project. University of Washingtion Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 14

contiguous PHRED high quality bases following vector sequence. Very

Low Quality Sequence: Trace file contained 15 contiguous distinct

peaks following vector sequence. Polyaden/lation: Based upon the

presence of a Xhol site followed by a run of 14 or more T residues

at the beginning of the sequence, this CDNA insert was
                                                                                                                                                                                                                                                                                                                                                                                                   /drann="cure..."
/db_xref="taxon:5911"
/db_xref="taxon:5911"
/clone lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AW246494 116 mRNA linear EST 07-JAN-2000
2821595.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821595 3',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                EST from Tetrahymena thermophila, strain CU428.1, growing cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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                                       Unpublished
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apuurkew@midway.uchicago.edu
                                                                                                                                                                                                                                                                                                                                           organism="Tetrahymena thermophila"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="mRNA"
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High quality sequence stop: 14.
                                                                                                                                                                                                                                                        Seq primer: T3.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                    /mol_type="mRNA"
/strain="CU428.1"
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Best Local Similarity 92.3%;
Marches 12, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /stone="underlindubbec13"
/sex="Wale="Underlindubbec13"
/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lb="Whouse 10kb plasmid UnGcIMI library"
/note="Vector: PWAP2IVY; Purified genomic DNA from
musculus G57BL/6J (male) was obtained from the Jackson.
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the Dunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWA42 (gi|4732114] gb|AP129072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli Xilo-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Turkewitz, A.P., Karrer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel
,J. and Klobutcher, L.
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                              Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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5009-0-35-C02.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Ferrahymena thermophila cDNA, mRNA sequence.
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Hymenostomatida; Tetrahymenina; Tetrahymena.
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                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0056 row: C column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         'organism="Mus musculus"
                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0056C13"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           High quality sequence stop: 19.
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Tetrahymena thermophila
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84112, USA
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BM397622/c
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Gaps

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/gex="Male" Coli strain X110-Gold, T1-resistant, F-"
/lab host="B. Coli strain X110-Gold, T1-resistant, F-"
/clone lib="wouse lokb plasmid UUGCIM library"
/note="Vebcr: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114) [gb] AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                AZ404871 24 bp DNA linear GSS 03-0CT-2000 1M0173J14R Mouse 10kb plasmid UUGCIM library Mus musculus genomic close UUGCIM0173J14 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
                                                                                                                                                                                                                                                                                                                                                             Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. I. (bases 1.to 2.4)

Dunn, D., Aoyady, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@enetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0173 row: J column: 14
Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
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mol_type="genomic DNA"
/stain="C57BL/61"
/db_xref="taxon:10090"
/clone="UUGCIM0173J14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
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     11 TTTTAAAAAAAA 23
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AZ404871/c
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Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 ISA, B-mail: barrell@sanger.ac.uk and
nha@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TRED927/4 GUTAt 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v ti method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
           /dlone="IMAGE:221595"
/tisque type="small cell carcinoma"
/tisque type="small cell carcinoma"
/tab_host="hMG3" (phage-resistant)"
/lab_host="hMG3" (phage-resistant)"
/clone lib="NIH MG2 7"
/note="Organ: lung, Vector: poTB7; Site_1: Xho1; Site_2:
EcoR; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACAGG(G). Size-selected >500bp for average
insert size 1.8kb. Libzary constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
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Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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T. brucei sheared genomic DNA clone 367d08, forward sequence,
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Eukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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/strain="TREU927"
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db xref="taxon:9606"
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Matches 12; Conservative
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Matches 12; Conserv
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LOCUS RESULT 438 AW247148/c

ACCESSION

VERSION KEYWORDS

SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL COMMENT

22

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Contact: Robert Strausberg, Ph.D.
Email: agapba-rawail.nlh.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC Clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llh.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Mashingtion Genome Center. Vertoes: PHRED from University of Mashingtion Genome Center.
Trimming: cross match from University of Mashingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 8 contiguous
pHRED high quality bases following vector sequence: 7 contiguous
quality Sequence: Trace file contained 15 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a XhoI site followed by a run of 14 or more T residues at the
Plate: LLCMS row: A column: 11
High quality sequence stop: 8

Location/Qualifiers

Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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National Institutes of Health, Mammalian Gene Collection (MGC)
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/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
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/db_xref="taxon:9606"
/clone="IMAGE:2821138"
                                                                                                                                                    AW250872.1 GI:6593865
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                                                                   mRNA sequence.
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              DEFINITION
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Contact: Robert Strausberg, Ph.D.
Bmail: cgapbs-ramail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (ILIM) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Libra at:
www-blo.llni.gov/Dbrp/image/image.html Base Calling / Quality
Scores: PREDE from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
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/mol type="mana"
/db Xref="taxon:9606"
/db Xref="taxon:9606"
/clone="INAGE:2819953"
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/cell Inne="MGG3"
/cell 
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2812953.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819953 3',
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NATH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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High quality sequence stop: 13.
Location/Qualifiers
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Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                             mRNA sequence.
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source

FEATURES

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21 bp DNA linear GSS 29-SEB-2000
IM0012H15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0012H15 F, genomic survey sequence.
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        Length 15;
1.0%; Score 11; DB 1; Length 15; 91.7%; Pred. No. 5.18+02; Ative 0; Mismatches 1; Indels
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Mus musculus
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GSS.
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KEYWORDS
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EST 07-JAN-2000

linear

mRNA

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AW250872

AW250872/c LOCUS

RESULT 439

Query Match

BASE COUNT

TITLE

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1. .15
/organism="Homo sapiens"
                                                                                                                                                                             Contact: Robert Strausberg, Ph.D.
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Matches 12; Conservative
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AW250976/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi |4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli Xil0-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Winiversity of Utah
Wm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2819706.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819706 3', AW249689
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. L. (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab host="B. Coli strain XL10-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Gaps
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                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddumn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0012 row: H column: 15
Seg primer: CGTTGTAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGCIM0012H15"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   High quality sequence stop: 21.
Location/Qualifiers
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Homo sapiens
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                                                                                                                                                                                                                Unpublished
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                                                                         AUTHORS
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FEATURES

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Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LILL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: cross match from University of Mashingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project: University of Mashingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 13
contiguous PHRED high quality bases following vector sequence. Very
presence of a XhoI site followed by a run of 14 or more T residues
presence of a XhoI site followed by a run of 14 or more T residues
polyadenylated.
Figh quality Sequence stop: 13.
High quality sequence sequence, this cDNA insert was
Plate: LLCM2 row: E column: 19
High quality sequence
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/wol type="mRNA" db xref="taxon:9606"
/docae="rkMAE:2819706"
/clone="rkMAE:2819706"
/tissue type="small cell carcinoma"
/clone="line="mGG"
/clone="DHIOB" (phage-resistant)"
/clone="DHIOB" (phage-resistant)"
/clone="Organ: lung; Vector: poTB7; Site 1: XhoI; Site 2:
FooR1; cDNA made by oligo-dT priming. Directionally
cloned into BcoR1/XhoI sites using the following S'
adaptor: GGCACGGG(G). Size-selected solobp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-CDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
2 a 3 c 0 g 10 t
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. I Chases 1 to 15)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 15)
Math-Mac http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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mRNA sequence.
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                                                                                    Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LiNL) DNA Sequencing by: Berkeley MGC Sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LiNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
PHRAP mite. Polly-r Identification: parMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu.low Quality Sequence: 11
contiguous PHRED high quality bases following vector sequence. Very
low Quality Sequence: Trace file contained 15 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more I residues
at the beginning of the sequence, this cDNA insert was
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Yb08h08.sl Stratagene placenta (#937225) Homo sapiens cDNA clone INAGE:70623 3' similar to similar to gb:X62744 CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN (HUMAN), mRNA sequence.
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                                                        Contact: Robert Strausberg, Ph.D.
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/organism="Homo sapiens"
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Plate: LLCM8 row: N column: 22
High quality sequence stop: 11.
Location/Qualifiers
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Best Local Similarity 85.73
Matches 12; Conservative
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F49097
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COMMENT
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Email: cgapbs-ramail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center
Drosophila Genome Project. University of Washingtion Genome Center
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 9 contiguous
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

    (bases 1 to 17)

                                                                                                                                                                                        High gality sequence starts: 1
High gality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
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National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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                                           Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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Pred. No. 5.2e+02;
0; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="mRNA"
/db_xref="GDB:491520"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                  Seq primer: -21m13
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                    Email: est@watson.wustl.edu
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Other ESTs: yb08h08.rl
Contact: Wilson RK
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Homo sapiens
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/lab_nose="uniou" / lab_nose="uniou" / lab_nose="uniou" / lab="NIH MGC_"" / note="Organ: lung: Vector: pOTB7; Site_1: XhoI; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size=selected 550bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 17 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated. Plate: LLCAT row: D column: 18 Flate: LLCAT row: D column: 18 High quality sequence stops.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Iongacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
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Unpublished
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                                                                                                                                                                                                                                                  /mol type="mkNA"
/mol type="mkNA"
/db xref="taxon:9606"
/clone="IMAGE1:881601"
/tissue type="small cell carcinoma"
/cell line="MGC3"
/lab_host="DH108 (phage-resistant)"
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Insert Length: 10000 Std Error: CPlate: 0118 row: G column: 09
Seg primer: CACACAGGAAACAGCTATGACC
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/organism="Homo sapiens"
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/mol_type="genomic DNA"
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Location/Qualifiers
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Mus musculus
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Fax: 801 585 7177
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Best Local Similarity
Matches 13; Conserv
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AZ368518/c
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AUTHORS
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SOURCE
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114) plari29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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AZ984045.
AS984045.1 GI:13855272
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longaore, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                         /sex="Male"
/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/mol_type="genomic DNA"
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Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                   db_xref="taxon:10090"
clone="UUGC1M0118G09"
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Location/Qualifiers
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Length: 10000 Std Errc
0265 row: I column: 23
strain="C57BL/6J"
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@genet
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Best Local Similarity
Matches 13; Conservat
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Direct Submission.

Submitted (12-JUN-1999) Genoscope - Centre National de Sequencage:
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr.
- Web: www.genoscope.cns.fr)

Determination of this BAC-end sequence was carried out as part of a collaboration with the Berkeley Drosophila Genome Project (BDGP).

The BDGP is constructing a physical map of the Drosophila melanogaster genome using these BACs. For further information please see http://www.fruitliy.org The BDGP Drosophila melanogaster BAC library was prepared by Kazutcyo Osoegawa and Aaron Mammoser in Pieter de Jong's laboratory in the Department of Cancer Genetics at the Roswell Park Cancer Institute in Buffalo, NY. The library is named RPCI-98 and was constructed by partial EcoRI digestion of Drosophila DNA provided by the BDGP from the isogenic strain y2, cn bw 9p, the same strain used for the BDGP's Pl and EST libraries. A more detailed description of the library and how to order individual BAC clones, the entire library, or filters for hybridization from the BACPAC Resource Center can be found at http://bacpac.med.buffalo.edu/drosophila_bac.htm.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CNSOOBGV 26 bp DNA linear GSS 04-JUN-1999
Drosophila melanogaster genome survey sequence TET3 end of BAC #
BACR23F05 of RPCI-98 library from Drosophila melanogaster (fruit
                                                                                                                                                                                                             Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Bukaryota, Metazoa, Arthropoda, Hexapoda, Insecta, Pterygota,
Neoptera, Endopterygota, Diptera, Brachycera; Muscomorpha;
Ephydroidea, Drosophilidae, Drosophila.
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34.0%; Pred. No. 5.3e+02;
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                                                                        /organism="Homo sapiens"
mol_type="mRNA"
db_xref="gdb:50536"
/db_xref="taxon:9606"
/clone="laxon:9606"
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/db_xref="taxon:7227"
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High quality sequence stop: 1.
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/note="end : TET3"
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                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114) [ab] ART29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B: coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chissoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W., Hawkins
M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore
, B., Morris, M., Parsone, J., Prange, C., Rifkin, L., Rohlfing, T.,
Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E.,
Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M.
Generation and analysis of 280,000 human expressed sequence tags
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Y559b02.s1 Stratagene ovary (#937217) Home sapiens cDNA clone MAGE:75507 3' similar to gb:M1759 TYROSINE 3-MONOOXYGENASE ISOZYMES (HUMAN), mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                     /lab host="E. coli strain XLIO-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UJGC2M library" /note="Vector: PWD42nv; Purified genomic DNA from M.musculus G7BL/GJ (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.0%; Score 10.6; DB 1; Length 23; 76.5%; Pred. No. 5.4e+02; tive 0; Mismatches 4; Indels
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                                                                                                                                                                                                                   Laboratory Mouse DNA Resource
                          /db_xref="taxon:10090"
/clone="UUGC2M0265123"
/sex="Female"
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                                                                                                                                                                                                                        DU12680-024-020-D03-SP6 MPIZ-ADIS-024-storage root Beta vulgaris CDNA clone 024-020-D03 5-PRIME, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  orientation:
SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SPGuenching granted in the context of the GABI-Beet project
, local Pl: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZEPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                           Beta vulgaris
Bukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Bukaryota; Viridiplantae; Streptophyta; endicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 13)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
and Radelof,U.
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Contact: Weisshaar B
ADIS DNA core facility at MPIZ

AALS DNA core facility at MPIZ

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                              Gaps
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Query Match 1.0%; Score 10.6; DB 1; Length 26; Best Local Similarity 61.9%; Pred. No. 5.3e+02; Matches 13; Conservative 2; Mismatches 6; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: weisshadompiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 20 row: D column: 03
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
Location/Qualifiers
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11.7%; Pred. No. 5.7e+02;
ve 0; Mismatches 1;
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/db_xref="taxon:161934"
/clone="024-020-D03"
/tissue_type="storage root"
/lab_host="EMDH108"
                                                                                      929 TTTCAGGTTTTGTTTATGAG 949
                                                                                                                                3 TTTTTTTTTTTTTTTTSAK 23
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
AZ345856 108S 29-SEP-200 AMO NA MAR MUSS 29-SEP-200 MASO80G17R Mouse 108b plasmid UUGC1M library Mus musculus genomic clone UUGC1M0080G17 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: G column: 17
Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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/organism="Mus musculus"
/orl type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0080G17"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@genet
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RESULT 450

Job time : 16 secs